SEQUENCE LISTING

<110> Friedrich, Glenn
     Zambrowicz, Brian
     Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences and Mutant Cells and Mutant
Animals Defined Thereby

<130> LEX-0286-USA

<150> US 09/728,445
<151> 2000-11-30

<150> US 60/168,358
<151> 1999-12-01

<160> 891

<170> FastSEQ for Windows Version 4.0

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<213> Mus musculus

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<223> n = A,T,C or G

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agccttcaga attgaaatca actttccagc agagtatcca ttcaaaccac ccaagatcac     180
atttaaaaca aagatctacc accctaacat cgatgagaag gggcaggtct gtctgccagt     240
cattagtgct gaaaactgga agccagccac caagactgac caagtaatcc agtccctcat     300
agcactggtg aatgaccccc agcctgagca cccactccgg gctgacctag ctgaagaata     360
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aaaagccgac ctggggggctt aaaatctgc                                      449
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<210> 2
<211> 397
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<220>
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<223> n = A,T,C or G

<400> 2
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gccgtccctg cccgtgctgc aagctgctac tcctgctgct gctgctgctg cttgttgctg     180
attgttgcgg ttgctggttg ctgtttactg tttgctgccg gctggattgc tggattgctg     240
attgccagtc gggnaaatcc tggnnataaa aatccanctt gccccanaaa acangacnac     300
cctnnaggaa gtattctaat gatttcaatn cgccctttcc ccctctnacc tttctctctt     360
accttatgct gggggattgg aagggtggca aaaaaaa                               397
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<210> 3
<211> 285

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<212> DNA
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<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 3
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tctccaagac actgttacct gcccttgaga tattccggag acagcatccc gcagatcacc     180
tacaggctgg cgacaggcac caagaatgga ttggtggggg atgggcctcc cctctttata     240
cgcacagagt cttagtaaat tttgggtcct tgaacagaaa aaaaa                     285
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<210> 4
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<220>
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<222> (1)...(287)
<223> n = A,T,C or G

<400> 4
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caggagtaac aagtgtggag gtcnaaggan aactcttgga atctcttcta tcctatcaca      60
tcngtctcag gcatcnaaca tgggccaact cctcaaactt ggtancctgg nacttnaata     120
nccatcttan tgctcaaaaa aggtttctcc tatgaagacc gtgtntcctg gctgtcctag     180
aatttgctgt gcnnaccaac ctggcctnna actcataaac ntttacctgc ctctgcctct     240
aaagtgttgg gattnaaagc atttcccact atgtaacaaa caaaaaa                   287
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<210> 5
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<223> n = A,T,C or G

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nncccactgn tgaaaactga gggnccacac tcgtatcnct ntcnacngga cctaacatta     120
ttcgggangg aactctggtc cncnccccca tcnttcaatn nnnntgtcgt ggngattggn     180
ttngaaccnt gntcagnata aagctgaaaa aaaccccatt gnctnncatt tncaccanga     240
ccgggaagng tntnatatcn aggatccgaa taaggctctt caaggcttct ttgaccgaga     300
aggagaanag ttagaatatg aatttgatga gcnaggacac atcacttggc tctgcaggt     360
gaggttacct gtagatgatt cnnctgggaa acagctggtg gctgaggcca ttcactc        417
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<210> 6
<211> 173
<212> DNA
<213> Mus musculus

<400> 6
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gtcttagctg ctaactcctc tctcagtcca ttttgaatac gattctgagg tgacgcttcc     120
ctgtcaccac ccttaacatg ctctcatcgt accctctggt caaataaaaa aaa           173
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<210> 7
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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

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tcttagntgc taactcctct ctcagtccat ttgaatacna ttctgaggtg acgcttccct   120
gtcgncaccc ttaacatgct ctcatcgtac cctctgaaaa aaaaaaa   167

<210> 8
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 8
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caggatttat acanaagcag tcttccaaat tctgaaacct gatgcccatc acatactttg   180
ggctgagaaa a   191

<210> 9
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 9
ggtctagatt atgtgcatgc tgggaacaag cctggatcgt ctgcaagagc agncatcggt   60
cttagctgct aactcctctc tcagtccatn tgaaatacga ttctgaggtg acgcttccct   120
gtcnncaccc ttaacatgct ctcatcgtac cctctga   157

<210> 10
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 10
ggaatacaaa gggccagggt ccggctgcgt ctcctggatc ttgagctgac atctaggttc   60
ctgggtggga ccacaaatnc aactatactg gaggctgatg canttctctt aggactccaa   120
gagatcaggg actcaaaatc aagagaggag caacccagca agtaatggac tgcgcttgct   180
gtatttgaac ccattttgag cccagaaaac tataaataaa taaataattg aataaattta   240
tnataaatga aaagtaatcc tgttaaaaaa aaa   273

<210> 11
<211> 370

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 11
actgaggtga cctttgaaag ttaacagggg tgccatgggc tgagtaagat aaacggaact   60
gctgttcaac cccgcccagt ctggggatga gtcattgttt tcaaatttat gaacaaagca   120
cacaaattaa gaataataca agcaagaaac agcagagaga cacaaaagga catagaatcc   180
ctgatcctca ctgtgatctg gtaacactag ttctagggct ggagagagag atgctcaggg   240
caagtgctct tacagagaac atgagttcaa ttcccagaac ccacatggta cctcacaact   300
gcctatttca tacatgtggg gcagaacacc gatacacata ctttttttt taanaattga   360
aaaaaaaaaa   370

<210> 12
<211> 448
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 12
ctcctttagt gagacngccc taggcagacc acntaccntt acccttctga aatctcggta   60
ctggaggatc tnggccngga tcctgatacc cccattgccc ccttagcnac ccatcctgac   120
naggaggagg aggaggagga ggaagaggag gagttgcttc tgcngcctgg gctccagggc   180
gggctgcgca ccaaggccct antcgtggat gantcctgcc ggcggtgacc atcttccant   240
ttgggcgcat acctccttcc ttccttcctt cccgtacctg aagcttctgg agtctggatg   300
attcanagcc gacanacctg gcngggatcc tgcctggcag ggaagggggt tgancntntt   360
ctgacttgct tttcccatcc catttctggg gcnnanccnt tatcctaaat ttacccctaa   420
ctcatggtgt ttcccgtggg tgacctaa   448

<210> 13
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 13
tcctgatact gcttgntngg ggtagagctn cctgctcnta cnttctgccn naccnnatgc   60
tggaacctga gnatcnacat aattgcacct tctcttctgg accagacatt attcggcggg   120
aatcgggtcc ccaccccctg acgtcatacc tggtgtctca nccnnngnat ttgaactgtg   180
atcatctgag ccaaaatann ccaaagtata naagtcaaca aaggcaanat gctgnanatn   240
aaatggaaaa ccantcattg anaacatcat cncctctntn ctccgaggac ncttcggtgc   300
ggatctggga tatcccnnan ggtgggctga aacggaacnt naccgaggga ctcctggagc   360
tcnatggana catgcgccat gtggggctgg tgga   394

<210> 14
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

4

<222> (1)...(461)
<223> n = A,T,C or G

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gcctangaga ggantgtctc acacctggat tggttatgca ctacgcctca tttgcatgat   180
cctcatctga ttggctactc tctctctgta cctcacaaag cctcattntc atacctcatt   240
tgcatgtctc acacctgatt ggttatantc tccaaacccc ctttatcctg cccggggcnn   300
gcantgtctt tgcaaaaaac tttactgcat atgttcacat tggttgtttg tccaaactta   360
tgcgtggtgg ccancagtan tcagtgccac tctgcaacgg cacntgtggc ttcccacatc   420
tccccctttt tgttttaata aaatgaggct gggactaggc c   461

<210> 15
<211> 301
<212> DNA
<213> Mus musculus

<400> 15
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gcctcctgga catgaagagc aaccccatac agggcctggc tgcccactgg gattatgaaa   120
agaaggagtg gaaaaagtga ccaacgtccc acgtctgccg ccagcccctg caaactgctt   180
ctgcagccca ggagacaatc atcccctccc ctcccctccc ctccctcctc ctcctgagtc   240
ctgtctccac tcccttctcc aataaaagca gcctgctttg ttctgcttgc aaaaaaaaaa   300
a   301

<210> 16
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

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acatgccnat aagcantcaa aaatatttnc tgggagctgg ananatgggc tcagcagtta   120
aaaacactga ctgctcttcc ggangtcctg tgttcaaatc ccagcaacca cagggtaact   180
cacaaccatc tgtaatgana tctgatgccc tcttcgggtg tgtctnaaaa cagctacagt   240
gtccttacat ataataaata aataaatctt tttttttaaa gaata   285

<210> 17
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

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ttgccccaaa ttggctgtag ccacacanac atgagaatgt cagatctcat tccggatgaa   60
gccctgagaa gggcaatcga gagccacaac aagaaaaaaa   100

<210> 18
<211> 269
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 18
catggaatgg acgggacaag gaaggcaaac attcacctgg aancaaaanc tgtgctgctt   60
tntggcttat ttacagtann tttncncaac cggcaagctt gtgcantnnn agcaagaact   120
cctcctgcct gcctccggaa taagctgttg aattcttgtt tcttccagcg cggtgtctgc   180
ctgcacgctg ccatgcgtcc tgccatgatn ataatggact gaccctctga aactgtaagc   240
cagccccaan taaattttgt ccttgataa   269

<210> 19
<211> 312
<212> DNA
<213> Mus musculus

<400> 19
aaggttgtcc tcggaggcca aaggcgtcag atacgacacc tggaagttga atttacagaa   60
ttgccagctg cccaacatgg attcttggaa ccaaaccttt agaattcaac aaacaaacaa   120
cccaggggc tggagagatg gctcagcact caagagcact gactgctgct cttccagagg   180
tcctgagttc aattcccagc aaccacatgg tggttcacaa ccatctgtaa tgagttccaa   240
tgccctcttc tggtgtgtct gaagacagcg acataaaatg aataaatctt tttaaaaacc   300
caaaaaaaaa aa   312

<210> 20
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 20
aagaaacgtt ttgtaagtga agganatgga ggccgtctta aacctgaaag ctactgagca   60
cagcaactct tacagtctta ggtgttacca anaacanatc tcaactgtaa aagttgtcag   120
tacaggtttc ctttnccttt ngttttgtt attgttttt ttttttttt ttttttt   177

<210> 21
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

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ctgactantc cntacnggcc ccggatcatg tncggcatca aaacnaagcc cgcgtncttt   120
gagttggang tggtggtgct cggctcccac ctgattgang actatggctc ctgctccctg   180
anctgcttga gttccagtcc tgacttcctt tggtgatgaa cagcagcatg gaantgtaag   240
ccaaataaac ccttncctcc ccaaaaaaaa aaa   273

<210> 22
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

6

<222> (1)...(204)
<223> n = A,T,C or G

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tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngna   180
ccncccacca tggggggct ggga   204

<210> 23
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 23
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gtatagaggt attcccagca agtcaaagat gctgcattcc ggcgtatact caaagtcgga   120
gacgcccgtg aatcgcacat tgacgtccag acctgtggcc agtttcggga gcaccgtcat   180
tgcatcgtcc acattctggt gggagaaaag acaagatggc tggtctagcc ttccctccct   240
gccacccacc atcccatgtt tcatgtctgg ctttcttaca aaccgtttgt ttcatccacc   300
tcttacctca aacccccttt tgtgagacag agccctggct gtattgaaac tcactctgta   360
naccaagctt gcccttgaac tcacagacat ctacctctct ctgcttccca agtgctgtaa   420
ttaaagg   427

<210> 24
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 24
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tcctcctcct cccctcctn ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtancagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggnngatga   180
nnncatcanc atacaggcta cacaggacca ncaacggaat gaggagtagg cccggatcat   240
ggntgagtnt gagatcacag agcag   265

<210> 25
<211> 335
<212> DNA
<213> Mus musculus

<400> 25
gatggtgcct gaacccaact gattaagcag gcaggcagaa acgtgtcacc atcagctacc   60
attgtgccct catgcataaa tgaagtcctg atggaaaaca gacaaacaaa caaacaaaca   120
aacatctcta cacactaagc cgaaaacaaa tctataccaa actgctaaaa taaatggaaa   180
atacttaatt tgagcctggc tgttttgaaa attggaaatc cttcttcaaa atgaaaatca   240
ccgcaaaaca atctaaagtc atctacaggc caactagggt gtttgttgct tgccaaactt   300
ccaataaatt ctgcttgaaa ccttaaaaaa aaaaa   335

<210> 26
<211> 587
<212> DNA
<213> Mus musculus

7

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 26
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nccatnacca tgtanancgg ggtgancaat gtgggcnttc accaccacca tcaccattct   120
ccccatcgtc tccaccacca caagcaccac caccgccacc accatgctca tggagcccgc   180
cgctaaggcc aatagatagc atctacctgg ctctgccctc catccagcan caacatgagt   240
ggatcctgat gctgccacgg aaaaggatgt gcctctggga taaaaggggg tactgggacc   300
ctggtcctgc ttgggtttca tttgcatatg agcccttctc cctatgtgca acaganacca   360
cctgggtgcc ctctacacaa tgtgngggct tgancttcga gcaaggctgg ctgantttcc   420
taccttgtga ctgcaactcc tggtgacctg gaaaataaca agggttctgg canaaacaaa   480
acccnggtga aaatgaaaat tcttctgatt ggggaaggcc tgtgatnaac ttccaggggc   540
naantgtggt tagggcattc actgcttctt gggtttaaa aataaaa   587

<210> 27
<211> 180
<212> DNA
<213> Mus musculus

<400> 27
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tccccctcct ccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcga   180

<210> 28
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 28
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tcctcctcct cccccctcctc cccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa   180
ccacccacca tgtggtngct gggatntgaa ctcaggatct tcagaagagc ag   232

<210> 29
<211> 213
<212> DNA
<213> Mus musculus

<400> 29
ggaattttac tacttcacaa atggagaatg atgctacaaa gttaccatgg tgaagctgac   60
aaataccact caaatgatga tgacatagaa gtaccttcct cctgctgctc tgatcccata   120
attggttact agatgatgtt ttctgacatg gatttcgatt ttgggtacct gttactttgg   180
cactattctt ttttttttt tttttttttt ttt   213

<210> 30
<211> 735
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

8

<400> 30
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tncgttctgn cncncccact gctggaacnn nanganccgc ncacatgcag ctnnctactg       120
gaccataaat tattctgngg gaatctggtc cccnccccct nccttcttnn ctggtgtcgc       180
nccgntgtga tntgaccctt gatcggacaa tctcctccag ggntggccan ggatcnatcc       240
cttanagtaa ctcaagagtt ccncatgctg tgttatctgg actcccacta antgcagcac       300
tgtgccttcg gaacnacacc atcnagaatg tatcccttcn tcnctccagc tngacnacta       360
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atccaggccc tgctgtacta ntcccnggcc ccacnaggtc atntntntca acaaaatgtg       480
cccgntccaa aanctaccnn cgccnaatan cgcacncaca gatccanttg gtcctttaag       540
tacacnggga tccatgtctt ctggaccttg ggcaccanga atgggaaggc agcatcctaa       600
tgtgccatat ctatttccan aatcatctcc cactcctcct cttccantgt taggancaca       660
cctgtttgca ttggttcnnn tgccnccggg ggccgggaac cncancgcat atcctnatcc       720
tgaagcgtct tccca                                                        735
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<210> 31
<211> 677
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 31
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atcaccacca gcagcaccat cagcagcaac ancagcagca gcagcaacag ccacccccac       120
caatacctgc aaatggccan caggccagca gccagaatna angcttgact attgacctga       180
agaattttag gaaaccagga gagaagacct ttacacagcg ttnccgtctc tttgtgggca       240
atcttccccc tgatntcact gaggaggaaa tgagganact atttgagaaa tatggaaaag       300
caggcgaant tttcattcat aaggataaag gctttggctt tattcgcttg gaaacacgaa       360
ccctagcgga aattgccaaa gtgganctgg acaacatgcc cctccgtggg aagcaactgc       420
gaatgcgctt tgcctgtcac agtgcatccc ttanagtccg caaccttcct cagtacgtgt       480
ccaacgaact gctggaanaa cctttttctgt gttcggccan gtggaaaagg ctgtaatcat       540
tgtggatgac cgaagaaggn ccccgggaaa agcattgttt attctcaagg aaaccagctg       600
ctccgaaanc tctgganana tcagtgaagg ntccttcntg ctgantacat ttcctcngcc       660
tgtgaatgtg gacctat                                                      677
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<210> 32
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 32
```
atagacacat agagaaggag acaagaagaa gaagagtcta agagtgtcnc gagttccagt        60
acctctagca gtgacagttc ggccagtgag tcttcatcag agagtgagac atccgcctca       120
tcctcttcag aagacagtga ctcagatgaa agcctctcta gctcctcctc ctcctcctct       180
tcctcggcct gttcgtcttc ctcttcctcc tcttcctcct cctcctcctc ggactcggac       240
tccagctcgt ccagcagcag cagcagcagc agttctgaga gcagctctga tgatgagcca       300
cagaa                                                                   305
```

<210> 33
<211> 226
<212> DNA
<213> Mus musculus

<220>

9

<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 33
tgtcctggca ctctccgact ccagcagcag tagcagctcc agcgactcan aagcagaggg   60
gaaggagtat gccgctggct gcaagaacat gaacgctcct cagacaaggc caagaaaccc   120
aaggtgaaga aggagaagat ggagaagaag gagaagaagg agaagaagga gaaggagaag   180
aagccccca ttgacttatt aaacttgcag ccctttccgc tcccca   226

<210> 34
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 34
aggtccaaca gaagatatgg cccagattaa aggtatcctc aagatctgga ttaaaggctt   60
gtgtcaatcc agatccaaag cctgtgacat cacacctcaa gattcagatc aaagcctatg   120
tcttccaggc tcaagatcca nancacaagt gtgcccacca tttctggatt gcagttcatt   180
ccagatatag tcaagttgac aactgagaag aaccatcaca ggttataaac acctatcatt   240
tgctctcatt ttccccatat gttctctgct catgtgagat cctgacttga agtgtttccc   300
ccaagcttgt tttccctgat ctctaaaaat acagccagaa agaagctctt tgttctctat   360
agccagcaaa aagccttttt gtttctatac cttacaacca gagatgcaat aattgtaaaa   420
agacctagcc aggcacttgc ctggctccct gtgccaagg   459

<210> 35
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 35
ctgattacag attctgctat gttctgtgcc ctangaaacc gtgncantag aagtgagtag   60
atctgttttg tatagttacc cacaataagc ttggacctga accaaccacc cagcagcact   120
gcctgcctct gtgtataagc tnttatggng nnngccttta tanagatgtc cctgggatgg   180
ccccaacata agagagacat ctgcactaan aacaacaaca acaacaacaa caac   234

<210> 36
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 36
tgctgggcac catgtgtggt ctagggcaca gaanagncag aagaagacat canggtcccc   60
tggagcggat gttatcagct gccctgcaag tgctgggaac tcaacctaag ccttctccaa   120
aaaccaggag tactgtgaag cacctggccg tctctccagt caccaacaac aacgctgctt   180
gttagcaaat attttgatag cagcaacaag aaattgccta atataaggtc tcaccca   237

<210> 37

<211> 170
<212> DNA
<213> Mus musculus

<400> 37
caagactgcc ctttggtatt caaacgggag ccgctttgga ctgactggct gccttcctcc   60
tcctccccct cctcccccctt ctgcttcaga tttatttatt atatgtaagt acactgtagc   120
agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg   170

<210> 38
<211> 158
<212> DNA
<213> Mus musculus

<400> 38
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 39
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 39
agtctcgaaa ggtaagtctg gncaccatgt gtgtagnngg cacggaaccn tnagaataan   60
acatnatgnn gcctggagcg gatgttatca gctgccctgc aagtgctggg aactcaacct   120
aagccttctc caaaaaccag gagtactgtg aagcacctgg ccgtctctcc agtcaccaac   180
aacaacgctg cttgttagca aatattttga tagcagcaac aagaaattgc ctaatataag   240
gtctcaccca taaaaaaaaa a   261

<210> 40
<211> 259
<212> DNA
<213> Mus musculus

<400> 40
aagttggaaa ttgcaatact cctaaaccaa atttctttga ttttgaagga aagcaaaaat   60
gggaggcatg gaaagccctc ggtgactcaa gccctagcca agcaatgcag gaatatatcg   120
cggcagttaa aaaactagat ccaggatgga atcctcaggt tcctgccctc cttgagttcc   180
tgtcctgact tcctttgatg ctgaactgtg atgaggaagc ataagccgaa taaacccttt   240
gctctccgaa aaaaaaaaa   259

<210> 41
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 41
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccccctcctc ccccttctgc ttcagattta ttnattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgt   177

11

<210> 42
<211> 256
<212> DNA
<213> Mus musculus

<400> 42
```
agggtctctt ctctctactc agcaccagct gatctggaag ccactctata gagcagactg      60
actttgaaat cacagagcca catcagtctc tgcctcccca gtgctgaaat taaaggcgca     120
caccacccgc tctggtgaca tttttcttta aaaaatgaac aaaaaagggt tgcgtttgcc     180
agtttttaaa aaagaattgc cttttcgata tttgttttga ataataaaat cttacatttt     240
gagtgaaaaa aaaaaa                                                     256
```

<210> 43
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 43
```
ggaggaattt tctcagcaaa catcatttaa aaggaaatta atggcgaaaa tggggcattg      60
ggaaaccatg ggggaggggg gagactgana naatganaat gaataatggc aaaataaata     120
aataaataaa taactaaa                                                   138
```

<210> 44
<211> 305
<212> DNA
<213> Mus musculus

<400> 44
```
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca      60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg     120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac     180
ttctaatcag gtccacaact cccttttgcct ttaaccttgc ttttttcccta cctctggttg    240
gtgggctaaa agggagggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa     300
aaaaa                                                                305
```

<210> 45
<211> 238
<212> DNA
<213> Mus musculus

<400> 45
```
gggaacattg tggcaggaag acggaagtag tgctggagag gagactggag agaaacactg      60
ggcctgtccc tgtgatgcac ttctgccagc aaggccacgc ctcccagtcc ctgaagtgtc     120
actccctgaa gatgaagcat tcaaatatga gtcgatgaga gccattcttg ttcacgtcgc     180
catagttatg gaggttggac ccagcactca agactgttat aaagaatttt tgctttgg      238
```

<210> 46
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 46
```
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
```

```
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac    120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa    180
ccacccacca tgtggttgct gggattngaa ctcangatct nnataagagn agccagggct    240
ntaaaccgnt gagccatctc tccagcctnc tgcattcctt cttaangcat gaatganccc    300
nacctangaa gacatgctgc cntacctcct tttcnagcca ttttcccttt caccatatac    360
tca                                                                  363


<210> 47
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 47
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct     60
tcctcctcct cccctnctc ccccttctgc ttcagattta tttattatat gtaagtacac    120
tgnagcagtt gnaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgancn    180
cnanngaanc agnggnnggt gggngacaan ngnanggnng ttagaacaga agacnggtgn    240
atanaccnag ntactattac gtccatgaga ct                                 272


<210> 48
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 48
gggtccagaa aaggagatgg atgccataca ggccaaggaa gaagtgaaaa aggcccgtga     60
agaagatgag gaggatctgc tgatgggga gtttcacagg cacaaccatt tcagcagatt    120
ccacaggcag ggcgaactat agtcatcctc actctgcatg ctgagtggcc cagctgcaac    180
tctaataata cacatttgaa tgatcacata ngnanggana ntngnccagn ttctgaaaaa    240
caatccccctg tttgtgttag ggtcccccgt ttcttctata gacccctatg accccagggt    300
ctgcaataag aagtttctgt tgactgcatg tggtggcaca ctcctttaat ctcaggactt    360
gagaggcaga ggcagacnta tctgggattt ccacatcagc c                       401


<210> 49
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 49
gagagagaga gagagagaga gagagagaga gagagagatg agatanaggn tggaggcctc     60
gnggagcagc ctgtgtgcac ctgactggnc cagnaggaac acagtgtnca gagaagctcc    120
tgtcccctg tccctctgg gtgccaaata atgggagatg tgcactgtct gatcacatat    180
tcccgtctnc tgccctntgc ccagttaagg ttaaggntga tgaataancc cttggattat    240
tctgagganc tgaccanncc acagaagaaa gcannccctg tancttccct ggtcatttcc    300
caagaatctt cctgccctgt tgagacttgc cccaagtcta gggcagtctt caagcaagca    360
cctcttgctt gg                                                       372


<210> 50
```

13

<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 50
tgaggcctat atgtatgagc catgctggga accaggcctg gatcgtctgc aagagcagcc   60
atcggtctta gctgctaact cctntctcag tccatttgaa tacgattctg aggtgacgct   120
tccctgtcac caccttaac atgctctcat cgtaccctct g   161

<210> 51
<211> 335
<212> DNA
<213> Mus musculus

<400> 51
ggtgatttct ctgtgccaaa gcctccagag gacaatataa aagacgtgtg tacaacgtca   60
cccaggaaaa caaagaagaa gaatatagct tgccagtggg gagttagtct tgccttttct   120
tttttccttt gaatcagagt ctcactggat agctctggct actctgggac tctctatgta   180
gaccaggctg gcctgagtgc tgggactaaa gggtgtgtgc cactaccccc agctaaattg   240
gtgtgttctg gagagattct tttttatgtt tggcccattt taattctttc aggcatctta   300
ctactgctgt tttaaagttt ttttctttta aacca   335

<210> 52
<211> 473
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 52
ctttcaggga cccgctggga agacgaagag agaccagatc atactccaga tcattaagga   60
ttttaaaccc ccatgttcct cgtgcggcgc tcaccaccac cccccggctc tggccatggc   120
cacactgagg gtccatcccg aagcccaagc caaggtggat gtgttccgtg aagacctgtg   180
tagcaagaca gagaacctgc ttgggagcta ttttcccaag aaaatctcag agttggatgc   240
gttcttaaag gagccagctc tcaatgaagc caacctgagc aatctgaagg ctccattgga   300
catcccagta cccgatccag tcaaagagaa agagaaggag gagcggaaga agcaacagga   360
gaaggaagag aaggaagaga agaagaaagg ggacgaagac nacaaaggtc cccctgtggn   420
ccanttgaac tgcatgagaa aaatgngggc ctnctgcaac ggctaaaacc tgg   473

<210> 53
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 53
aggggggcaag gccatgtggg acaccccana cactgtcctc ttanagcgcc gggcgggcca   60
ttaggcaggc gctgctcaca agccgaggcg tgtctctggc agctcctccg actccagcag   120
cagtagcagc tccagcgact cagaggcaga ggggaaggag tatgccgctg gctgcaagaa   180
gcatgaacgc tcctcagaca aggccaagaa acccaaggtg aagaaggaga agatggagaa   240
gaaggagaag aaggagaaga aggagaagga gaagaaggcc ccccattgac ttattaaact   300

14

tgcagccctt tccgctcccc aaa   323

<210> 54
<211> 352
<212> DNA
<213> Mus musculus

<400> 54
ggaccctgtg tgctgtgcaa tcaagaccca aactagaaga agggtctgtt ttactgctct   60
tggaaggcca cgtctaaaat taaaccacgt tcaggggaaa ctgtgcaccc aaatatttct   120
cagtcgcacc ccagcctcac aaacctattc tagggctgga aaagctggct cagccgttat   180
aagccctggc tgcactacca gaggacccag cctcaatttc cagcacccac atggcagctc   240
ataactgtgt agatccagtt ctagaggatc caacaccctc acacatacat gcaagcaaaa   300
caccaatgca cagaaaatga aaagaaataa atcgttaaga acaaaaacaa aa   352

<210> 55
<211> 305
<212> DNA
<213> Mus musculus

<400> 55
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca   60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg   120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac   180
ttctaatcag gtccacaact ccctttgcct ttaaccttgc ttttttccta cctctggttg   240
gtgggctaaa agggagggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa   300
aaaaa   305

<210> 56
<211> 158
<212> DNA
<213> Mus musculus

<400> 56
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 57
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 57
tactgagcct cacggtttct tntggctgga actgcagttc atgcntggng attgccgagt   60
ggattgnagt gcatctgctg atgatttgag tctgtgctgt gctaacggac ttcactacaa   120
cncccgattg gaatcacccc caaagaactg nttgtataac gaggtccaca actctgtttc   180
ctatctttcc ccatgacctt tgctgggtgg tgggctaaaa gggaggttga agcgtttaag   240
aacccttatt aaagtaggtt tggaaaaaaa aaaa   274

<210> 58
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)

15

<400> 58

```
gtgcaaaaag aagaagaaga agaagaagaa naagangaag angaagaagg anaaggacan      60
ngacaaggag aacggagaan gagcaaggaa aaggagaacg gtacagnatn ngnggagaga      120
atattnctaa aatatttntg naatatttga tatgtaatca ttacattnag tcaaaaaatt      180
canatttcta gaaaatataa agtttttttt tgtcgattcc t                         221
```

<210> 59
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)

<400> 59

```
actccaggag aagaaggaag tngtggagga ggcagagaat ggaagagatg cacctgccaa      60
tgggaacgct caaaatgagg aaaatgggga gcaggaggct gacaatgagg tagatgaaga      120
agaggaagaa ggtggggagg aagaggagga ggaggaagaa ggtgacggtg aggaggagga      180
tggagatgaa natgangang ctgangctcc tacgggcaat cgggtngctn aggatgatga      240
tgatgaccat gtg                                                        253
```

<210> 60
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)

<400> 60

```
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc      60
ttcctcctcc tccccctcct ccccccttctg cttcagattt atttattata tgtaagtaca      120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcaa      180
acgnnngaca cactngacga gggcaccaga tctcattgtg ggtgga                    226
```

<210> 61
<211> 323
<212> DNA
<213> Mus musculus

<400> 61

```
gcatcccttc gtcagcagag tcaccagcaa taaggctctt cgggagctgg tggccgaggc      60
aaaggcggag gtaatggagg agattgagga tggcagggag gacggagaag aggaggatgc      120
tgtggatgct gttccgggct ggagagatgg ctcaacggtt aagagcactg actgctcttc      180
tcaaaggtcc cgagttcaaa tcccagcaac cacatggtgg ctcacaacca tctgcaatga      240
gatctgacgc cctcttctgg tgtgtctgaa gacagctaca gtgtacttat atataataat      300
aaataaatct ttaaaaaaaa aaa                                             323
```

<210> 62
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)

<400> 62

```
cacattcacg accacaccta aacctacaga atcagaaacg ccactagtgg ggtcggtcct    60
gaaacctggt taacaagctc ccaaggtgaa tctgatggcc gctttcccta agcagtagag   120
accctttttc gtgtatggtg ctgaaaattt aancgtcctc tgtccccaaa tcagtgaaaa   180
atcnggattt aaaaaaaaaa a                                             201
```

<210> 63
<211> 372
<212> DNA
<213> Mus musculus

<400> 63

```
gagactgacc cgctcctcaa gatttattat atgtacgtac actgtcgctg tcttcagaca    60
ccccagaaga gggcatcaga tctcattaag gatggttgtg agccaccatg tggttgctgg   120
gatttgaact caggacctct ggaacagcag tcagtgctct taaccgctga gccatttctc   180
caacccttaa gagtgtattt tatttccttt tgatttcctg caagtatcat ggtttcagtt   240
ttctttctgg ctgtaagact ccattgtatg tccgaaccac attttatctg ttttacgggc   300
cagttggctg cttctgttct tttgcctatt gcaatcgcta cagcaataaa catggatgtg   360
taaaaaaaaa aa                                                       372
```

<210> 64
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 64

```
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacanga ctgggaccct    60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt   120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acagggtaac   180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag   240
tgtccttaca tataataaat aaataaatct ttttttttaa agaa                    284
```

<210> 65
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 65

```
gtttgaattt gagtgccgtg ctcgaggtgc cgacatctta ncctacccac ctgtggttgc    60
nggcggnaat cgctccaaca ctttgcacta tgtgaagaat aatcaactca tcaaggtaat   120
caccagaatt cccaccccctg cgttctgctc ctggagaggc ctggtcccca gtagagagct   180
ccacacctct cccttagcaa atggagtgcc acacgccttc aatcccagca ctcgggattt   240
ctaagttcga ggccagcctg gtctacagag tgagttccag gacagccagg gctatacaga   300
gaaaccctgt ctcaaaaaaa aaaa                                          324
```

<210> 66
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)

17

<223> n = A,T,C or G

<400> 66

```
ggaggacacc cacagtttcc gcttttgccg gcatcgagag gctgcagctc tgtttcgctc    60
taaaaaccgc tgccgccgct catctggatc ttcatccact gtacgccgtc gccgtccccc   120
agtgctaggg gtgggctgag ctggagagac ctgttgccca gtaaagaaga atacttgtga   180
tggtttgtat atgctcttcc ctgggagagg cacttttaga aggtgtggcc ctgttggagt   240
aggtgtgtca ctgtgggtgt gggctttaag accctcatct agctgcctgg aagccagtct   300
cccactagca gccttcagat gaagatgtac aactctcagc tcctnctgca ctaanncctg   360
ccaagatgct gccctgctcc caccttgatg acaatggact gaacctctga acctgtaagc   420
ggcccaatta a                                                        431
```

<210> 67
<211> 427
<212> DNA
<213> Mus musculus

<400> 67

```
gtcgtgtcac tgctgttgct atcctgactg gactgaactg gactgctggt gtatctgtga    60
ggtgtttgcg aatggattga gctgccactg cctgctgacc tgtgaactca actgctgatt   120
tccagacaac acagacagga gttgttgcaa agagccttta tagacaggcc cgcgcccccct  180
tccccgctcc tgtatcattt ctttttccatt acctctggtg ggtggtgggt tacaagagag  240
gttaaagcat ttaggaacca tcattaaaaa cagggtttga catggaggcg catgccttta   300
atcccagcac tcaggaggca gaggcaggcg gattctgag ttctgagttt gaggccagcc    360
tggtctacaa agtgagctcc aggacagcca gagctataaa gagaaaccct gtcttgaaaa   420
aaaaaaa                                                             427
```

<210> 68
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 68

```
gcacatgagt gttctgcctg catggatgac tgtacatgca tggctcatgc agtgatgaag    60
gagaccagaa gaggtccttg ggaatagagt tacaaacaat tttgaaccac catgtgggtg   120
ctgagaattg aacctatgtc ctgtggaaga tcagccagtg ctcttaacca ctgagaaatc   180
tctccatcac ctattcttgt ggtttggttt ttctttttct ttctttcttt cttttttttt   240
tttcnanann gggttttttt gggtanccct ggctgncctg gaactaactt tgtaaaccag   300
gtt                                                                 303
```

<210> 69
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 69

```
gaaggagaag aaggaagttg tggaggaggc nnagaatgga agagatgcnc ctgccaatgg    60
gaacgctcaa aatgaggaaa atggggagca ggaggctgac aatgaggtat atgaagaana   120
ggaagaaggt gggggaggaag aggaggagga ggaataatgt gactgtnaag atgatgatnt  180
annacnataa ttnntaccat ttcgtattgc taat                               214
```

<210> 70
<211> 547

18

<212> DNA
<213> Mus musculus

<400> 70
agaagagaag cagacacaag atgaaaccct gccaaaaaat ggaaggaaac ctagaaaagg   60
aggatgagcc aaagcctgag gaagagccaa agccggagga aaagcccgag gagggcagg   120
aacccgagga ggaggagaaa tccgaagaaa cttttcggga gaggctgatc cggtctctgc   180
aggattttca ggaggatata cacaacaggc acctgagcag tgatgatctg tttagagatg   240
tggaggagct agatgagatc aggaaagtga gaaacaaact tatagtgacg cgttggaagg   300
ctaaccgaag ccatccttac ccctatttaa tgtagcttgg cttgctttcc cttttatctg   360
atgttaccat tgcgatctag ctttcttttc attagcattt tcctgataag acctttgccc   420
atcttcctac tttgaatctg ttgctgttag tggctttagc tgtatctctt gttgtctgta   480
tcttactgtt gattatattt gaaccaatct ataagtctct ggctttaagc tttactgatt   540
tgtaaaa   547

<210> 71
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 71
ctactgaacc cgagagaatg cngccgggaa tcangggccc cttgcccttc attcatnact   60
agcgttgcac cnttnaaagt tgagccttga tcagaaaaaa aagaccctna aaaaaactgn   120
ctgccccttg aaaacttacc tacctaaagt acagggataa tagcttcttt gcccactgtg   180
actctcagcc cttaagactg tttggctctg cactaatttt tttttattag tctgtaataa   240
aatacctaca ttttatta   258

<210> 72
<211> 174
<212> DNA
<213> Mus musculus

<400> 72
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tccccctcct cccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtgg   174

<210> 73
<211> 364
<212> DNA
<213> Mus musculus

<400> 73
aagaagcctg ctcattctga atttgaacat cggttctgca ttactcctga aagatgtcct   60
gcagtcagtg tccgagcaca ttcctgccac agcagcctta aatgaagttg gggtttacaa   120
actggctcag caagacgttg agattctgct taatttgagg acaaattggc ctaacactgg   180
aaaataatgc atcttcgaga aaagtgttta acaaagacaa gagttgcctt taatcctagc   240
acttgggagg cagaggcaga tggatttctg agatcgaggc cagcctggtc tacaaagtga   300
gttccaggac agccagggcc acacagagaa accctgtctt ggaaaacaaa cacaaacaaa   360
aaaa   364

<210> 74
<211> 274
<212> DNA
<213> Mus musculus

<400> 74
aggtatttgg cccagcgaca tcagagacaa gaagagacac agatgagaga caagcacatg   60

19

```
aaagatgctt accatccttc gccatggcaa aaagtgaaat taaaaagtcg aggggacatt    120
actgtgcatc tgatggagac atgaggaccc gtagggcttg ctggccagcc agtctagccc    180
agtcagtaag ctccaggttc cattgtgcct gtggtcttca agagctctgc acacccacag    240
acataaaaat aaagttcagg tgaaataaaa aaaa                                274

<210> 75
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 75
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc     60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacngcttc    120
cctgtcacca cccttaacat gctctcatcg taccctctg                          159

<210> 76
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 76
atacgacacc tggaagttga atntacagaa ttgccagctg cccaacatgg atncttggaa     60
ccaaaccttt agaattcaac aaacaaacaa cccagggggc tggagagatg gctcagcact    120
caagagcact gactgctgct cttccagagg tcctgagttc aattcccagc aaccacatgg    180
tggttcacaa ccatctgtaa tgagttccaa tgccctcttc tggtgtgtct gaagacagcg    240
acataaaatg aataaatctt tttaaaaacc caaaaaaaaa aa                       282

<210> 77
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 77
catatgccca catcangcat tcctcggnct cacctgcgct ctgacctggg gcagcagtta     60
gaggaggntc cttcttnatc ttcctcctct gagactnagc ctctgcctgc aggaacatgt    120
atcccagagc cagtgggcct nttacaaact actgaagccc ctgggcccaa aggtatcaag    180
ggcatcaagg gtactgctcc tgagcacggc cagcagacct ggcagtcacc ctgcaatccc    240
tatagcagtg ggcaacgtcc atcgggactg acttatgctg gcctgccacc tgtagggcgt    300
ggtgatgaca ttgcccacca ctgctgctgc tgcccttgct gctcctgctg ccactgtcct    360
cgcttctgcc gttgtcacag ctgttgtgtt atctcctagc tgactattga acctccaggg    420
ctgtgcagcc caggttcctg ctcaatgccn aagtgttgct ggacatcang agcanccgtt    480
gcatgagcat caccatttct gcctgacagg ggacctgtca cca                      523

<210> 78
<211> 326
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 78
ggcgaacccc cccaacccccc agcctgnaac aggctgatcc agaccttgac cttgctgcca   60
ctaaggagat tacctagggt ggagccttcc tgcctagatg actctattgt tcagccactg   120
ctgctcttct ncttcaagac actgctacct gctgagagga ccctgagcta ttctagagac   180
ttcatcctat cctgcaggtc atcacctgca gctggttcca ggctccaaga atggattaac   240
gggaatgggc cgcccttctc ccccccaccc cctttataag cacagttttc tattaaacat   300
tcgagctttg atcaggaaaa aaaaaa   326

<210> 79
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 79
ttgaagcgtt ccaagactgc cctttgggat tcaaacggga gccgctttgg actgactggc   60
tgccttcctc ctcctcccccc tcctcccccct tctgcttcag atttatttat tatatgtaag   120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtggtt   180
gtgaaccacc caccatgtgg ttgctgggat ttgaactcag gatctacana agagcagtna   240
gggctntaaa ccgntgagcc atntctccag cctcctgcat tccttcttaa ggcntgaant   300
gatcccannc ataggaagac tgacttgccc ttcctt   336

<210> 80
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 80
ggtgctgtct gctccgatct cccttatgct tcctggtttg agtccttctg ccagtttgct   60
cagtatcgtt gctccaacca tgtctactat gccaagaggn nacnntgctc ncagncnnnc   120
nccatnctat ncccnaacac tntnaaggan gtggaggctt ctncagaant ggctgacact   180
tccatgacca nctggcattg nganccatgc cacagagtga gacctcncan antgtgnacc   240
nnagntccca gccctanctt ggcagcttgc aagtctgtaa ctccagtcct gggagatcca   300
acgcccccctt ctggcctcca caagcactgc atgaatccag gcaaaacacc tatacacata   360
aaataaaaaa   370

<210> 81
<211> 260
<212> DNA
<213> Mus musculus

<400> 81
taacagcctc ctctatgatc atggcccggc tgcatgctga gccacggaga aggagaagaa   60
gaagataaag gaggatgaga agggttgggg cggtgcccga cctctgaaga ggagaggaga   120
caggcgacca tgggagcaag tcttcagcac cacatgatgg ggactctgga gttgccgctc   180
aggctgtctg gggtcctggc tgactggcca ccgtctttct catcaataaa aacatcgttg   240
tgcattctta aaaaaaaaaa   260

<210> 82

21

<211> 158
<212> DNA
<213> Mus musculus

<400> 82
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 83
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 83
agactctgtc atcggcaagt ggagactgta acangactgg gaccctcaca tgccgataag   60
cagtcaagaa tatttтctgg gagctggaga gatgggctca gcagttaaga acactgactg   120
ctcttccgga ggtcctgtgt tcaaatccca gcaaccacag ggtaactcac aaccatctgt   180
aatgagatct gatgccctct tcgggtgtgt ctgaagacag ctacagtgtc cttacatata   240
ataaataaat aaatcttttt ttttaaagaa   270

<210> 84
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 84
gttgctcaga gaagcacagt cttcaagacc ccatacccga ggaggaggag gaggaggagg   60
aggagcccat cggagtggct gtggaggang agcgtttnca ccagnaggga gccccaanag   120
catccnataa aagctgtgcc attatgtgaa cttgtcaaga catggtcgat cttcctcaag   180
ctagaancat ggagtcctgt atacagtgca gagccttctc agaagcacat gatattтttg   240
tatttccttt atgtgaattt ttaagctgcg aatctgatgg ccttaatттc ctttтttgaca   300
ctgaaagttt tgtnaaagaa atcctatcca tacattat   338

<210> 85
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 85
agcctctctt aacatttтcc ntggcaaatc tntcagtgcc tggctntatg tggtctcccn   60
tcccccagcc tgaaacctgc ttgctnaggg gtggagcttc ccgctcantc gttctgccac   120
gcccactgnt gnaacctgcc gntttgctgt ttgnagctac acacgtggtc accgtgctac   180
tgnattccga nattatttgg cggnaattgg gcccntcccc nttccttnat aacggagtgc   240
caaaatagta aaaattgaac cttga   265

<210> 86
<211> 240

22

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 86
gcccgaaaaa caaaaccaga ggaaggggtg agagaaaaan ntgcaaatgg ggaactgaaa   60
aattattgaa gggctggtga ggtgactcag tggaaaaagg agcttgctgt caagtctgaa   120
gaccagagtt caattcccag gacccacctg gtggaagttg ncttcaaact gccccatgaa   180
tattcaaaca caagcatgta tattcataca aaataaataa atataattta aaaaaaaaaa   240

<210> 87
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 87
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcttgtgggt ggttgngaac   180
cacccaccnt gtggttgctg ggatttgaac tcaggatctt   220

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<400> 88
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacccacca tgtggaag   198

<210> 89
<211> 320
<212> DNA
<213> Mus musculus

<400> 89
agttgaaggc ctccagttaa gagattacct caaatctgaa ataaggcttt ggacttgtga   60
acagtattgg aattgttgaa gaatatgggg acttttgaag ttgtcctgga catatgtttg   120
cattataaga tgacaatgaa ggctgccagg aaaactcaga aagtattgta ttacctttg   180
acttgagttc aatccccaaa gccaaagtgt ggaaggagag agctgattcc tgcaacttct   240
tctgacttct atagcactca catatatcgg gcacatgcat gagtatgcac acacacacac   300
acacacacac acagatcgaa   320

<210> 90
<211> 173
<212> DNA
<213> Mus musculus

<400> 90
tccaagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct   60
cctcctcccc ctcctccccc ttctgcttca gatttattta ttatatgtaa gtacactgta   120
gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt tgt   173

                                23

<210> 91
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 91
```
acaggctaca cacagccggt ggctacatgt ggnaacatct ncagnggntg ttgaagagtc      60
cgtggtggca tctnntgcng caatgnggaa tgcctgggct gtcctctgnc atggctggcc     120
cntggcctgt tgaccacaga ananancagg gtcanagggc tcaagcncac agncccttg      180
gggagatcgc acatagcagg gttctcaacc tgtgggttac aaccccttg agggtcaaac      240
gaccctttca caagagttac gtattagcta tcctggatgt cagatattta cattacaatg     300
tataacagca gcaaaattac agttatgaag tagca                                335
```

<210> 92
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 92
```
caaagccacc caccctntga cttctattta ctttacaatg atgttagccc cccncnnntc      60
caaaantnat gacanngggg ggtttngnct ctggncaaac atgacctcca gagtttggcc     120
cttgcataaa ggagaaaatt aattccttca gttgttctct gacctccaca tgcgtcctgt     180
aacatgggtg tatgcataca cataaacaca catncacacg ttgttaaata aataa          235
```

<210> 93
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 93
```
gggttccaag actgcccttt gggattcaaa cgggagccgn tttggactga ctggctgcct      60
tcctcctcct cccctcctn cccttctgc ttcagatnna ttnattatat gnaagtacac     120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg           173
```

<210> 94
<211> 205
<212> DNA
<213> Mus musculus

<400> 94
```
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct cccctcctc cccttctgc ttcagattta tttattatat gtaagtacac     120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa     180
ccacgcacca tgtggttgct gagat                                           205
```

<210> 95
<211> 315
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 95
cactgttttg taactatttt gtaaggncac agtccaccag tanctttagg gnacagggtn   60
attttatnca cancagcagn aaatgnaaac caaaacaact ccacaataaa attcttgngt   120
ttcttggggc caagaagtat gnacacgnat aagnataaag nacactggcc aagncatgta   180
cctccagnag tttggccctt gcataaagga gaaaattaat tccttcagtt gttctctgac   240
ctccacatgc gtcctgtaac atgggtgtat gcatacacat aaacacacat ccacacgttg   300
ttaaataaat aaaaa   315

<210> 96
<211> 340
<212> DNA
<213> Mus musculus

<400> 96
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacacgt   60
attggaattg ttgaagaata tggggacttt tgaagttgtc ctggacatat gtttgcatta   120
taagatgaca atgaaggctg ccaggaaaac tcagaaagta ttgtattacc ttttgacttg   180
agttcaatcc ccaaagccaa agtgtggaag gagagagctg attcctgcaa cttcttctga   240
cttctatagc actcacatat atcgggcaca tgcatgagta tgcacacaca cacacacaca   300
cacacacaga tcgaaaatag ttgtaataaa aaaaattaaa   340

<210> 97
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 97
gatctggtgg cttgggtgac agccagtttc ctgcacatcc cccatgctga ggacatcccc   60
aacacagtga ctgtgggaaa cagagtgggc ttcttgctcc gaccctacaa tttcttcaat   120
gaagatccct ctatcttctc ccctggcagc gtgtactttg agagggacca ggatgccggg   180
ctctgcagca tcaaccctgt ggcctgcacc caacagctgg cagactgtgt ccccaactta   240
ccctcctttt cctatgaagg cttataggcc tgaggctatg gtgaggcccc agggtaggag   300
ggatggaatg tggagtggag aaatggctca gcgattaaga gcacttgact gntcttncag   360
angnccctgn ngttnanttc cttgcaacca catggtggnt acaaccatct gtaatgggat   420
ctgatgctct cttctggtgt gtctgaagac agagacagtg tacccatata cataaaataa   480
atcttttaaa aaattttaaa aaaagaa   507

<210> 98
<211> 128
<212> DNA
<213> Mus musculus

<400> 98
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg   60
ggagggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata   120
aataaaaa   128

<210> 99
<211> 179
<212> DNA
<213> Mus musculus

<400> 99
```
tcagggctcc  aagactgccc  tttgggattc  aaacgggagc  cgctttggac  tgactggctg      60
ccttcctcct  cctcccccctc ctccccctcc  tgcttcagat  ttatttatta  tatgtaagta     120
cactgtagca  gttgtaggac  acactagacg  agggcaccag  atctcattgt  gggtggttg      179
```

<210> 100
<211> 282
<212> DNA
<213> Mus musculus

<400> 100
```
aatcagactc  tgtcatcggc  aagtggagac  tgtaacacga  ctgggaccct  cacatgccga      60
taaagcagtc  aagaatattt  tctgggagct  ggagagatgg  gctcagcagt  taagaacact     120
gactgctctt  ccggaggtcc  tgtgttcaaa  tcccagcaac  cacagggtaa  ctcacaacca     180
tctgtaatga  gatctgatgc  cctcttcggg  tgtgtctgaa  gacagctaca  gtgtccttac     240
atataataaa  taaataaatc  ttttttttta  aagaataaaa  aa                         282
```

<210> 101
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 101
```
gagggttcca  agactgccct  ttgggattca  aacgggagcc  gctttggact  gactggctgc      60
cttcctcctc  ctcccccctcc tcccccttct  gcttcagatt  tatttattat  atgtaagtac     120
actgtagcag  ttgtaggaca  cactagacga  gggcaccaga  tctcattgtg  ggtggttgtg     180
aaccncccac  catgnggntg  ccgggatttg  cactca                                 216
```

<210> 102
<211> 343
<212> DNA
<213> Mus musculus

<400> 102
```
aagggtctcc  ctgcctagaa  cctgatattt  aacactgaga  gatccacctg  gctctgcgcc      60
gctaaacacg  ccacctcgtg  ctagccaact  ttgaacttat  gattctcttg  tacactggta     120
acttggaagt  tacctctcgg  gggctggaga  gatggctcag  tggttaagag  actgactgct     180
cttccagagg  tcctgagttc  aattccaagc  acatggtggc  tcacaaccat  ctgtaatggg     240
atctgatgcc  ctcttctggt  ttgtctgaag  acagatacag  tgtactcgtc  acatatataa     300
aataaataaa  taaaatcttt  ttttaaaaat  ttaaaaaaaa  aaa                        343
```

<210> 103
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 103
```
gcctccagac  tgccctttgg  gattcaaacg  ggagccgctt  tggactgact  ggctgccttc      60
ctcctcctcc  ncctnctgnc  cccttgtgct  tcagattnat  ttattatatg  gnngtacact     120
gtagcagttg  taggacacac  tagacgaggg  caccagatct  cattg                      165
```

<210> 104
<211> 361
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 104
```
gacgcatcct ggactccaca atgaacggga cagttggacc taagtgggaa gctgattatc   60
aaagctnanc ttggggaana tatncnacna attcccattc ataatgaaga cattacttac   120
gatgaattag tgctaatgat gcagcgagta ttcanaggaa agcttctgag tantgatgaa   180
gntacaataa agtataagga tgaaggcatg gactgaagac cctcaccta gctgcctgga   240
aatcagtatt atgttagcag ccttcagatg aagatgtaga actntcannt ccttctggat   300
catgcctgcc tggatgctgc atgttcctgc cttgatgata ntagaatgaa cctctgaacc   360
c   361
```

<210> 105
<211> 165
<212> DNA
<213> Mus musculus

<400> 105
```
ggttccaaga ctgcccttg ggattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattg   165
```

<210> 106
<211> 349
<212> DNA
<213> Mus musculus

<400> 106
```
gtaaaggcat tgaaagagaa gattgaatct gaaaagggga aagatgcctt tccggtagca   60
ggtcagaagt taatttatgc aggcaaaatc ctcagtgatg atactgctct caaagaatat   120
aaaattgatg agaaaaactt tgtggtggtt atggtgacaa aacccaaagc agtgacaaca   180
gcagtgccag ctacaaccca gccatcaagt actcccagcc ccactacagt cagttcttcc   240
ccagcagtgg ctgcggccca ggctccagct cccaccctg ctctggctcc cacttccctc   300
tgcctccta gtgctaggat taaaggcatg cactacaacc aaaaaaaaaa   349
```

<210> 107
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 107
```
gaggaggacc tgccttctgc tgatgagctg gaggactggc tggaggacgt gctggagggc   60
gagatcaaca cagaggatga cgacgactga tgacgacgat gacgatgatg acgatgatga   120
tgacgactag atgactagtg gccgtggcag ccgcgtacca gccccacttg ctccttactt   180
gttgtacctt tctgccatct gtgcccttcc ccgggctcct tgggacacta ggtcattctc   240
tactacaggg ccaactgtgg tctgcataca gggtgcttga ggtcctggtc tccctctccg   300
aggagaaaag gagctgcttt ttcttagatc ccagcccagt tctctcatct gactttgctt   360
tnttnccccc agacctttat ctggatctct tnccgggcan tnccccatac tttaacgggt   420
tttc   424
```

<210> 108
<211> 352
<212> DNA
```

<213> Mus musculus

<400> 108
```
ggttgagaag taccggccac agaccctggc cgatctcatt tctcaccagg acattctgag      60
taccaaccct tggtgagcac aacttcgtgg cagtgggagc actctgctcc aaagtggaca     120
ggaagtagag agctaaaggg gtggggggagc aagcagtatg accctcaaag gcacgagttt    180
ggtgacctga ctcctccaat gaggctgtgc ctctaaacca gtggctctca accttcctaa     240
agatgtggcc ctttaatac agttccccat gttgtggtga ccaccccccc caccataaaa      300
ttatttcatt gctacttaat aaatgggaat tgggtcctgt taaaaaaaaa aa             352
```

<210> 109
<211> 386
<212> DNA
<213> Mus musculus

<400> 109
```
gtatttactc aagagaatgc aacctgtgcc tacatagacc ttcatacatg aacaatcata      60
gcagcttcat tcataacagc tccaaatggg gagcagctca agtgcccatc aaggtatcct     120
gacctcctga ccgggtccgt gaccttggga agctgaacac caacccctct tcacccagag     180
gacgacgcca gcggcaggtc atgggagcgc ggccctcgcg acggcagatg actgaagctc     240
ggcgcctggc tctaaccaag ctgcccctg agctgctggt gcaggtgctg agccacgtgc      300
cgcctcgcgc gttagtgacc cgctgccggc cagtgtgccg ggcctggcgc gacctggtag     360
atggcccaag tatatggctg ctgcaa                                          386
```

<210> 110
<211> 100
<212> DNA
<213> Mus musculus

<400> 110
```
gaacaacgac cacgggaagg ttgaaggata atcttctaat accagcactt tgaatgagaa      60
tttgtttctc tgccacaaac tgattttttt ttttaaaaaa                           100
```

<210> 111
<211> 506
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 111
```
actgagagta aagacatttc cacgtggaca cctgatcatg tgcctaccct gactgaggct      60
ccccaggcat ctntattgng ggcagccgtg ctacacgctc aactntgagc ccccaacagt     120
ttgcaggctc ccagccccgg ggtctgggcc tnggccccac catgtcgagc ctcggcggtg     180
gctcccagga cgccggtggc agtagcagca gcagtaacac caatagcagc agtggcagtg     240
gccaaaaggc aggaggaaca gacaaaagta ccgcggtggc cgccaccacg gcgccgacct     300
ccgtggcaga cgatgcccca ccccctgagc gtcggaacaa gagcggtatc atcagtgaac     360
ccctcaacaa aaacctgggg ggcttcccga ccactctttt nantactntt cntttggnaa     420
gcaagtggtg gcggcggaaa catgatgggg gtggagtttt gntgacaagg caacggcagc     480
ccgcagcctc cctattggcc aatggt                                          506
```

<210> 112
<211> 100
<212> DNA
<213> Mus musculus

<400> 112
```
aatcgagatc cgagatgaag actgaacttt ctcctcggcc cggggcatgc agggcaggga      60
gttgacccaa gaagagaagc ttcagcttcg aaaaaaaaaa                           100
```

<210> 113
<211> 189
<212> DNA
<213> Mus musculus

<400> 113
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc cccctttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacccgac   189

<210> 114
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 114
taccctcaga ggccagaaga gggtgtcaga gcccttgtaa ctggagtttg acggtcgtga   60
gctgcgcatc ttcaccatgg canacgatga tccctacgga actgggcaaa tgtttcattt   120
gaacactgct ttgactcact caatatttaa tgcagaatta tattcaccag aaataccact   180
gtcaacagat ggcccatacc ttcanatntt atancaacca aaacagaggg gatttnnatt   240
ccgntatgtg tgtgaaggcc catcacacgg agggcttcgg gagcctctag tgagaagaac   300
aagaaatcct accccaggtc anaatttgcc antntntgng ggcctgcaaa ggttatccgc   360

<210> 115
<211> 375
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 115
gaaccctaag gactctgcaa tatgaataat tctntagaga acaccatctc atttgaagag   60
tncatccgag taaaggcgag gtctgtcccg caacacagga tgaaggaatt tctggactca   120
ctggcttcta agggaccaga agctcttcag gagttccagc agactgccac caccaccatg   180
gtgtaccagc agggtgggaa ctgcatttat ncagacagca ctgaagtggc tgggtctttg   240
cttgaacttg cttgtccagt cacaaccagn gttcaaccac aaccatctgt ancaagatct   300
gatgccctct tctggagtgt ctgaagacag ctacagtgta cttacatata ataaataaat   360
ctttaaaaaa aaaaa   375

<210> 116
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 116
gagccaggaa gtaatcaaga aatcaaggag tttgcatccg gntacaacgt caaggttgac   60
atgtacagna ngatctgtgt aaatggggac catcccacca   100

<210> 117

<211> 412
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 117
gtttgtcagg atggtggata agaatattta catcattcaa ggagaaatta acattgttgt   60
tggtgccatc aaacgaaatg cccgatggag cacccatata ccactggatg aagaacggga   120
tccccttctg cacagtttca gtaacctgaa agaggtctta aacagtgtga cagacccant   180
ggatgtcaaa gagaaagaaa tggccttata aaattcattt gtgtggagaa cttgaagnta   240
cttcggaact tgataacttt tagaaccata ctctgtttcc ctaaagaacc tcctaatttt   300
tttaagcctg atagtggtgg tgcatgcctt taatcccagc actcaggagt cagagacagg   360
tggatctttg atttgaggct acctggtctn cagannaagg tccaaggcca gt   412

<210> 118
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 118
gacagaggtt tacagnacag atggctgcgt ntcagtcccc tgctgtaaaa ggttctatac   60
ctgcaacatc aacagttcag aatgttctta ttaatccatt gttaattggg tccaaaaaca   120
ttcttattac tactaatatg gtatcacaaa atacagccga gtcagcaaat gcactgaaat   180
gaaaacgtga agacgacgat gatgatgaag atgaagatga agatgatgat gatgatgatg   240
atgactatga taatatgtag tctaaccacg atgcatgtaa cctgtgttct tggacttgga   300
tccattgtac tacaaattaa aaagcatgtt agatgtttta aaaaaaaaaa   350

<210> 119
<211> 165
<212> DNA
<213> Mus musculus

<400> 119
ttgagggatg gctactgtca cctgaccact aacggacttc gagctggcga catcaaaaga   60
agcctctatt tcaatattcc aggcctgaga agcgttatct acagagagaa aggagttcca   120
ggacagccag ggctacaaga agaaaccctg cctcaaaaaa aaaaa   165

<210> 120
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 120
cccctaccac ttccttcata actggaagtn gcaccantaa acanntgagc cttgatcatc   60
acaaaaaaca cgagantaca nccactgtca aagtggtgac tagccactct gtggacaaga   120
aaacaagtca ccccaataga ggtgggtcca agaggcggga ctaanaaaac aaagcctgcc   180
nggccgggtg tggtggcgca cgcctttagt cctggccttt gggaggcaga ggcaggcgga   240
tttctgagtt cgaggccagc ctggtctaca gagtgagttc caggacagcc agagctacat   300
agagaaaccc tgtctcaaaa aaaaaaa   327

30

<210> 121
<211> 799
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 121
```
aaacaccgcc tgagagcanc ttaangaggc ctacnantca ngacacttga tgataccaca      60
ccagntccag gtgggagatg caggtctcgt ctgacgacat cnttctgaga atcngaancc     120
ttgntaaatn ggcncttgna tcgngctact naccacccac actgctgtca aagaanaagg     180
catntattnt gcctttnacg ntctagcgag cntctganna atnaaccncn ttgattgacc     240
actctcattt ntactctgat agaccctcta ataatnttgc tcttactgct gacgtgtggc     300
ccactantnc ttaataatct aatgaccttt gttagagaga ggattggtgc tgnccagntg     360
ntagtattaa nacaacnatn ccagtctctg cataaccttg aaaaagaggt tgcagtttag     420
ttctaagatt agaactagta actagaagaa gtggggaatg aaagatcctg gcagaatgta     480
aaaggacaca gaagccctga aattggcaag atagacgtca gtgttagcag aactagcttc     540
actgatttag aaacntagag gtgcacaatg ctttgggcca ctccttgaac ctgngngtct     600
tggcaatgtt ctgaccaagg tgtgtgccca ttggntggan ccttnattga agactctttc     660
ccttggaccc cntncccatt accccatttt ctttggggaa ttngnncttt ggnttaanaa     720
tcntgggaaa aatcccccctt aaatnttccc cccttnttnc nttttncccc cccttggann     780
ggcccttttt aaaaaacct                                                  799
```

<210> 122
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 122
```
gggtcccgac acccctttga aaaccccctt tttgtaaaag ccaggcttgg tagtgggcac      60
ctgtcatccc agcactcagg aggcagggtc aggaggatta caggttcaaa gccagtctgg     120
tctatattag aaaaagaaaa ctgtcctttt gctaaagaaa aattaaatga atttttaggg     180
ctgaaatctg tgggtaagat ggagtctgga gctttcctct tggaacagtt aaccgaagac     240
cctcatgggc aaggacatcc gcttgactcc ccactcacca tcaggccaca ctttaaaga     300
aaaattgttc tctaaccagg attgtaacaa atgtgtaaat agtatttctg agttgaaagt     360
cgatggtgca aatatgtata taacgtactg nattttaca atgatcgtcg catggctctc     420
caccccttttt tggactcaag                                                440
```

<210> 123
<211> 435
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 123
```
cttcccttgt cgctgctgaa gacagcgcag aatcacccca tggtaagcac tctgggccac      60
ctcccttcat gtgcccacag ctcagtcttt tgcagntcat gattgaaggc ctggcaagat     120
ggctcaatgg gtaaaggtgc ttgctgccaa gccgaaggac ctgagttcaa tccccaggac     180
ccatgtgatg atggaggggt ncatgacttc cctgaagntg ttctctgccc tgtntgcaca     240
cagacagaat ggcaaatgca atacaaagga aaacgttcac aaagaaatct atagccgggc     300
atggtggtgc acgcctttaa tccccgcact tgggaggcag aggcaggcga atttctgagt     360
```

tcgaggccan cctggtctac aaagtgagtg ccangacagc cagggctaca cagagaaacc   420
ctgtctcaaa aaaaa   435

<210> 124
<211> 204
<212> DNA
<213> Mus musculus

<400> 124
aggagcacat gaaggataag gataaggacc gggaaaagtc taagcatagc aacagtgaac   60
ataaagattc tgaaaagaaa cacaaagaga aagagaaaac caaacacaaa gatggcagct   120
cagaaaaaca taaagacaaa cataaagaca gagacaagga aagacgaaag gaggaaaaga   180
ttagagctgc tggggatgca aaaa   204

<210> 125
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 125
gggttccaag actgcccttt ggtattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc ccccttctgc ttcagatttta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacccacca tgtggtngcn gggantcgaa ctnaggancn ncataatagc acncanggct   240
cnaaatnnct tgagccntct cttcnnnctn tctgnattcc ttgttatggc at   292

<210> 126
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 126
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc ccctcctcc cccttctgct tcanatttat ttattatatg taagtacact   120
gtancagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttg   175

<210> 127
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 127
tgccctttgg gattcaaacg ggagccgctt tggactgact gnctgncttn ctcctcctcn   60
ccctcctncc ccttctgctt nanatttatt natnatatgt aagtacactg tancagttgt   120
aggacacact agacganggc accagatctc attgtggg   158

<210> 128
<211> 283

32

<212> DNA
<213> Mus musculus

<400> 128
actgtactga ctgctggtga gactgctgca atggctcgtc agtgtacccc gctcctccag   60
cagccagcgc actgcctcaa taccctcgtt caaggtcacc agctgctgca ggatcttcac   120
atcgatagct cgcaggcact ctggaggtgg aaggaagagg atcagaagtt caaggccatt   180
ctcagctatg ttggcagttc aagaccagcc ggagcttcat gaaaccctgt tttaaaatta   240
atgaaataaa ataataaaat aaaacaagat ttaaaaaaaa aaa   283

<210> 129
<211> 176
<212> DNA
<213> Mus musculus

<400> 129
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgt   176

<210> 130
<211> 156
<212> DNA
<213> Mus musculus

<400> 130
ggtttcttct ctgtgtagcc ctggctgtcc tggaactcac tctgtagacc atgctggcct   60
cgaactcaga aatcctcctc gtgtgccacc acttcccggc cgggtcatag cttttttaac   120
ctttaaataa agagcttttg ttgggaaaaa aaaaaa   156

<210> 131
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 131
ggagttccaa tgaattcact caggtttctc tttgaaggtc agagaattgc tgataatcat   60
actccgaaag aantgngnnt ganaaagtat ganggctgga gagatggttc agnanntaan   120
ancactgact gctcttctgg aggttcaatt cccagcaacc acatggnggc ttataaccat   180
atataatgga gnctgatgca ctctcctggg tgtgtgnctg aagacagcta cagtgtactc   240
atataaatat a   251

<210> 132
<211> 220
<212> DNA
<213> Mus musculus

<400> 132
gatcacttca tggatttgcc tcacgtacct atgtttgtta atttcctgtg tcgttcccaa   60
gatcacgtaa aaccctctga gcattattga cctccctccc agcaaccaca tggtggctca   120
caaccacctg taacagagat ctgatgccct cttctggtgc gtctgaagac agctacagtg   180
tacttacata taataaataa ataaatctta aaaaaaaaaa   220

<210> 133
<211> 269
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 133
ggtgcatgat gagttcattg ttgcagntgt acacgactca ctcatgaaaa ggatgtcaga   60
gaccccatta cagatggttg tgagccacca tgtggntgct ggaattgaac tcaggacctn   120
tggaccttaa cctctgagcc atctccccag ccccaaaaca ccaaatgact ctaccaaatc   180
atcaagaaga gaattcctct ggcttcggct caaggtccat gcttgttcac ctctggatat   240
taaatgggcg ataattccaa aaaaaaaaa   269

<210> 134
<211> 322
<212> DNA
<213> Mus musculus

<400> 134
gttgggttaa cggcatggag aacagtcacc cccaccacca ccaccagcag cccccgccgc   60
agcccggccc ttcgggcgag aggaggaacc accattggag aagttacaag ttgatgattg   120
acccggctct gaaaaagggg caccataaac tgtaccgcta cgatgggcag catttcagcc   180
tggccgtgag tagccggcgc gccttcccgc cacccccacc caccccggt ggagcccccca   240
gacaagaggc gaacggaggg ggacccctct tccaggacag ccagggctat acagagaaac   300
cctgtctcca aaggaaaaaa aa   322

<210> 135
<211> 186
<212> DNA
<213> Mus musculus

<400> 135
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac   180
caccca   186

<210> 136
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 136
gtctactaac ccaactctac tgaactggcc tgcccctgta tgcatgaagt gtctctgcga   60
gtggatcgag ctggcagtgc ctgctgacct gtgaactgaa ctgctggttt ccagacaaca   120
cagatgggag ttgctccaaa gaacctttct gaacatgtac acttcccccg tatcctttct   180
tttctactat ctcaggtggg tggngggcta taagggaggt taagacattt aagaaccgtc   240
attaaaaata aggattgagg ggctggtaag atggctctgc aggtgagagc actgactgct   300
tttncgaagg tcctgagttc aaatcccanc aatnacacgg tggctcacaa ccatctgtaa   360
tgggatctgn annccctnaa tctggtcntt tgaagacagc ttacaa   406

<210> 137
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)

34

<400> 137

```
gaagctgcag tgcttggttc gggtcntatg ttcaggggac cantatttag ataaagaaga    60
aaatagcaaa attatggatg ttgtgttcca gtggcttaca acaggagaca tccacctcaa   120
ccagatcgat gctgaggacc cagaggtngg agactgcatc atagaaatgg angatggctc   180
annttcttag aaccatttnc aaagggacag anagatctnt ttcaactcac ccctaanacn   240
nttggaanac agnttggaga nntggctcat aggctaaaaa tactggctgt tcntccagaa   300
ggcccaacaa ccacatggtg gnttacaacc atcctttang ggatcctggg ccctctttng   360
gggggccccc cgtctnttaa tttaaatnan cggttttttt ttnttgtttc cggggggngg   420
gcgncccctc cccttggaac ttntttnncc tnanttgaac nttttttctt ttggaaaagg   480
gccccttgg                                                           490
```

<210> 138
<211> 290
<212> DNA
<213> Mus musculus

<400> 138

```
ggttccatgg tgacggccac acccaccccg ctgcggccag atgtcatgcg ggtcacctca    60
ctccagggct ggggatgaga ccttaaaccc tggattcaag aaagagacca gaggactgga   120
gagatggctc agtggttaag agtaccaacg gaaggtcctg agttcaaatc ccagcaaaca   180
catggtggct cacaaccacc cataatgaga tctgccgccc tcttctggtg tgtctgaaga   240
ctgctacagt gtacttatac acataaataa aatcttttta aaaagaaaaa               290
```

<210> 139
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)

<400> 139

```
ggttccaaga ctgcccttcg gtattcaaac gggagccgct ttggactgac tggctgcctt    60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccaggtct cattgtgggt ggttgtgaac   180
cacccaccat gtggttgctg ggatttgaac tcaggatctt canaagagca ntcagggntc   240
taaaccgctg agccat                                                   256
```

<210> 140
<211> 327
<212> DNA
<213> Mus musculus

<400> 140

```
gtctccatat gctcagtcaa atctccataa ctgtaaatca acactaagag cactggatag    60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt   120
ccaccacacc tttaatcccg gatgaccttg aactcggaga tttaatcttc tggaatccat   180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc   240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa   300
atcaagttga caaccagaaa aaaaaaa                                       327
```

<210> 141
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)

<223> n = A,T,C or G

<400> 141
tccaagactg ccctttggga ttcaaacggg agccgntttg gactgactgg ctgccttact   60
gctcctcccc ctcctncccc ttctgcttca gatntatnta ttatatgtaa gtacactgta   120
gcagttgtag gacacactag acnagggcac cagatctcat tgtgggtggt tgcaaacnna   180
ngacannnta gacganggca ccaganctca ttntgggngg angagcatnc anggctctna   240
accgctnagc natntntcca gnctcctgca ttncttctta aggcatgaat gatccagcat   300
a   301

<210> 142
<211> 141
<212> DNA
<213> Mus musculus

<400> 142
gccactcgca aacgacctgt cttctcacgc tctctctctc tctgtttctc actctgtcct   60
ctctctgtct ctatcctata ctaacttgtt tcaaattgga agtgaggata tgtattgccc   120
aagggattaa ataaacaaaa a   141

<210> 143
<211> 349
<212> DNA
<213> Mus musculus

<400> 143
gtgagcccta tttctagaga cagctgctgc tgaccctgta actcaaagga caaactagct   60
ggctaaactc attcttggta ctggtgttgg attattctag aggttggata tgagcctagg   120
tggcctgctg gcctaggagg aggattgagg tcactttctt gcagttgcct ttaagaatgt   180
gtggaatcgg ggctggtgag atggctcagt gggtaagagc acccgactgc tcttccaaag   240
gtccgaagtt caaatcccaa gcaaccacat ggtggctcac aaccatccgt aatgagatct   300
tgactccctc tttttggagg gtctgaaaac aagctacagt tgctcttac   349

<210> 144
<211> 238
<212> DNA
<213> Mus musculus

<400> 144
cctgaaacct ggctgctcag gtttcactgt tatcgggaag agagcatgtg gtggagcctg   60
ccgccctatc attctgccac tcccactgct gctgcctgct gcctagctgt tccggagcca   120
aacacgtggt cacctgcaac tggactcgta ggatgatttg gcaggaatgg gcccct tccc 180
cttcttcata acccagtgtc tggaatagta aaatcgaacc ttgatcagaa aaaaaaaa   238

<210> 145
<211> 304
<212> DNA
<213> Mus musculus

<400> 145
ggagaaactc actcgccaaa caacgtctcg tggtatcctg gctgactctg gccgcttcag   60
cagagcctgg ctgttcctgc tggattgtgc tactgctaca gattcatgtt tggtgtttgc   120
tattgaactg ggctgcttat atcctgacac ggaagagtgg aatcgcccaa agcaagtact   180
tctaatcagg tccacaactc cctttgcctt taaccttgct ttttccctac ctctggttgg   240
tgggctaaaa gggagggtta agaaccccaa ataaagtcag ttttgaaaaa cctaaaaaaa   300
aaaa   304

<210> 146
<211> 250
<212> DNA
<213> Mus musculus

<220>

36

<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 146
gaccttgttg gaagaagtgt gtcattgtgg tcatggactt taagacctgc ancctagctn   60
cctggaagcc aatctttacc tagccgcctn tgaaacagct cctnctgcac catgcctgnc   120
tggacgctgn catgcttcnc cttgatgata atggactgaa tctntgaacc tgggcaaaga   180
gccnatgggg agaagagaat cttnangctc tgancatcca ggagggtgaa gatgttacca   240
tgaactgcag   250

<210> 147
<211> 334
<212> DNA
<213> Mus musculus

<400> 147
atctaaaaaa actcaaagca atgtccctaa gaagccactt gaaaattcct agatggcctg   60
ggagttagaa gcatgaaaca cagcctcaaa accaaaacca aaaagcgggc tacaggtata   120
aaatgagtgt taaagaagtt tgaaataggg ctggtgagat ggctcagtgg gtaagagccg   180
actgctcttc cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccac   240
ccataatgag atctgatgcc ctcttctggt gcggctgaag acagctacag tgtacttaca   300
tataataaat aaataaatct tttaaaaaaa aaaa   334

<210> 148
<211> 182
<212> DNA
<213> Mus musculus

<400> 148
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
tgtagcagtt gtaggacaca ctagaccgag ggcaccagat ctcattggtg ggggtgggtt   180
gg   182

<210> 149
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 149
gtgctgggat tgcaggcatg tggccactgt gacaggtttc ctgtgctgtg ccgaggcccg   60
ggcccagcgc ctcgtgcaca ctagagaaaa ttctgcatac tgacccacat ccccagctct   120
acccgtgtat atttctagtc attctttaaa cccaagcaaa tgtgtagagt ctcctatgct   180
gagatgtttt ttgccactac cagacatgta ggctatcatt tgacgtcttt attccctgag   240
agaaaacttc ttttctgtat ttatgaactt tattattgag aatcactgnt aacctttctg   300
ccaaattaaa gacacttgtg tctctgttta cacggac   337

<210> 150
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

37

<400> 150
actctagacc atgtgcctag gtagnttttn ccttctccgc agctctgctt ccccagcanc   60
gctcaccaca cccttgtttt gagaacctca ctaagtctgg agctcanaga aatgangaag   120
gtggatggag actgactcat gngcttgaaa ccatcaaatt gttcaagatc atcaagggac   180
tgagcctaag gctctgtcgg aggagggaga agccactgaa acaggggac ccaggactca   240
catggtggct cgtaaccatc tgttactcta acatccaatt ctgacctgta ggcgccagtc   300
atctacaaga tgcatagaca catgtaggca aaacacttat acacataaaa taaaactgaa   360
aacaagaatt taaaaaa   377

<210> 151
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 151
gtctttttcc ccttcctttc tgtggacaca gnacagctct tcggttncag gattgtgctg   60
gtcaattatt ttctcctact tccatgttat caagactact tctacatctt tttcactgta   120
tgtatatatg agtgaaatta tttagagcat tatttctaaa aaatgtattt ccagctctaa   180
aataggttga gattatcatg aacatttgtt gccgggcagt ggtggcacac gcctttaatc   240
ccagcacttg ggaggcagag gcaggcggat ttctgagttc gaggccagcc tggtctacag   300
agtaagttcc aggacagcca gggctacaca gagaaaccct gtctcgaaaa aaca   354

<210> 152
<211> 669
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 152
aagcctgagg ttgagctgga accggcttcg aatctgccgc ttgggagaga tgagagggac   60
gggggctgac tgctgctgga ccgactcgct cagctccttc aggtccatct cggccttgct   120
tcgatctgga agacaccagt atagcctcaa tcagaccagg ttctcacact ccaccaccca   180
ccactcaggg tttctctgtg gagccctggc tacactggaa ctcactctgc agaccaggct   240
ggcttcagac tcagatacgt gtctgcctct gccttctgag agctgggatt aaaggcctgt   300
gccaccacca cccagttcac atgaaattta aacacgtccg cccgtaactc tagttctggg   360
caatctgaca tcctcttctg gcttccgtgg gcaacgcatg cacgtggtgt gcctatccac   420
gcattggatc tagatgttcg tgtgcataaa tgcctttaaa aataagcttt acacataaat   480
aagagcggag gagtttgcgc ctggcctcaa atgctgctcc tgacgagaag cacctgactc   540
ctggagtaaa catggattca agtcctggag tggacgcccc tttccttntg ggaaatggac   600
ccggagcagc aattagcnta cctatctgct aggtcaagca cacaacaccn caaattaagg   660
aaaaaaaaa   669

<210> 153
<211> 336
<212> DNA
<213> Mus musculus

<400> 153
ttgagggtca tctgtctttg ttgtctgaga tgcaagagtc acaggagaag tcatcaccac   60
ggtctgcggg agagacgtgg cagacggcgt ggtacggatc tgatctacaa ctgatggcca   120
actagtgaca cccagatgac tgtcacattc acgactcagg tatcgaagga tgttccagcc   180
cctccctact acctcccacc acagggtatc actatgtagc ctggctgtct tggaactcac   240
tacatagacc agcttggtct cgaactacag agatctacct gcctctgctt ccggagtgct   300
gggattaaag gctactgagc cagtcaaaaa aaaaaa   336

38

<210> 154
<211> 582
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 154
```
agctgtttcc caagccgaag ttagagttct cctccagtcg tctggaccaa ggggagttgt    60
tggacctgnc ctgctccgac tcgggcacac ctgtagccaa cttcaccatc cagaaggaag   120
agacggtctt gtcgcagtat cagaatttca gcaagatcgc cgaggagagt gacagcgggg   180
agtacagctg tactgcaggc atcggcaaag tggtcaagag aagcggcctg gtaccgatcc   240
aggtgtgcga aatgctctcg aagcccagta tttttcatga tgccaagtct gagatcataa   300
aaggacatgc cataggcatc agctgccagt ccgaaaatgg aactgcaccc atcacttacc   360
accttatgaa agcaaagagt gacttccaga ctctcgaggt gacctccaat gacccagcaa   420
cattcacaga taagcccacc agagacatgg aataccagtg cagagcggat aattgccatg   480
gctccggtag gtccagagtt caaatcccan caaccacatg gtggctcaca accatccgta   540
acnagatctg actccctcnt ctgggagtgg cctgaagaca gc                      582
```

<210> 155
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 155
```
cctctacata cgagacagct ctgacaggct gagataggaa tgcctttttt tgntatctat    60
ttttttaat gtttttatta ggnattttct tcntttacat ttccatgagc tatcccaaaa   120
gtcccccaat nnccccctccc caggaatgcc ttttngtggc caanaatctn gntgggnnct   180
gttagtgtna tgattntatn cactgtaaag atatggctct gtatttcttg catgcctaaa   240
gcaccttctg attgatta                                                 258
```

<210> 156
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 156
```
aagggagacc ctcactcaag cactcaagnc nnggnacngc cgcggaccca ngangacnct    60
gagaccgtac tcgaaatgta taangagata gctctaatnt tanagcgagt nntcnacctn   120
ctganggacc cgatattgtt gncttagtac catancctgg actgcgttta tccttttttct   180
aatanaagct actaacttat taaggatgca gggcccaaaa gtaagcnaaa gcatnagtgg   240
aatttaaagg tcctgntata ttggaaagga aagtg                             275
```

<210> 157
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

39

<222> (1)...(288)
<223> n = A,T,C or G

<400> 157
gactgagatg atggatcaca tgggtggtga tgaggatgta gatttaccag aagtagatgg   60
agcangatga tgattcacaa gacagtgatg atgaaaagat gccagatctg gagtaagggc   120
tgttgtcatc gcctggattt tgagaaagga aaataacttc tgcaagattt cacaattgag   180
aaaacccctg agtcgatagc tctaaaggca gatatgctgt acttgcctcc tctaacccag   240
ttgtcaacct tttttttct ttttcttttt tttcttttt tttttttg   288

<210> 158
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 158
gaactgaggg agcccgaacc tcagctgnca tggcgtcaca gcatngggct gcgcatgcat   60
gctcatgcgg gagcaggccc agcaggagga gcatgcgaga gcgcatgcan nagcaggctg   120
tcatgcatta tatgcaacag cagcagcanc agcagcagca gctgggtggg cccccacc   180
cagacatcaa   190

<210> 159
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 159
ggtgtcccat aggtctccgt gcgactagga ggggcagngg tggcggcggt ggcagcagcg   60
gcagcggcgg cggcggcagc agcagcagca gcagctagca acctggtcag ggtacgctct   120
ccatccacag agatgagccg tcaggctgct acagcattat ccactggcac ctcaaagtgt   180
ccaccatccc agagggtacc tgccttgact gacacaactg catgca   226

<210> 160
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 160
gactgaggcc tgaagggaaa gatttcagca ttcatcggct tgtcctgggt aagctgaaca   60
aagtctggtt tttgttgtgt gtggnttttc cttccttcct ttcttttct ttctttcctt   120
ttttctttct ttctttttt aaacttggga ccaccaagtt gtaaagatgt atgtttttac   180
ctggcagttg ttccactggt gaactgtcaa gttgagaaan agtggattgc tagnttgtgt   240
tngnttttaa nattaaatta atccttgata aaagttgctt ttttangggt tagnctttga   300
ccactatagt ttgatgccat ctccatttg gttgacctgt ctcaccatca ggcctgntac   360
tctccatgac taactgngta agtgcttata atggaataaa t   401

<210> 161
<211> 100

40

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 161
gacttcagga tgcattngac agtgactgng aaactggnag gatcatgccn aacaattatn   60
aaaatggaaa ntacagtgac taccaggaaa cataaaaaaa   100

<210> 162
<211> 195
<212> DNA
<213> Mus musculus

<400> 162
gaactgaggt gaagcactgg tggaaggaaa agaacacgca ggagcgacca gggactgagc   60
gagtggagtt gaccggagca agaagaggtc ctaaaaattc aattcccaac aaccacatga   120
aggctcacaa ccatctgtac agctacaagt gtactcacat acataaaata atgaataaat   180
aaatatttag aatga   195

<210> 163
<211> 216
<212> DNA
<213> Mus musculus

<400> 163
gactgagact ctcagcgttc tcatctctcc tccttcacca tgaagctgat ggacaaattc   60
cactctccca aaatcaaggt gagatggctc agcaggtaag agcacccgac tgctcttccg   120
aaggtcctga gttcaaatcc cagcaaccac atggtggatc acaaccatcc ctaacgagat   180
ctgactccct cttctggtgt gtctgaagac agctag   216

<210> 164
<211> 348
<212> DNA
<213> Mus musculus

<400> 164
cttcaagaag ctctactgcc tgagggccac tggctggaag aaccaatttc tcttacacag   60
gttccaggtg tgcatgtcgg gcatccctgt gggtgtttgt ggtcggctgt ctgtccatgc   120
tgctataccc cagtgtgctc tttgatccag tcccgaacta cagggagcct tgtgtacacg   180
cctggcttgt tcctctgagc gcagccttca ccccagctca ccacaccagc ctggaacatt   240
cgcccatctt tctccgcgct tgacaagggg ccaccagagt caccctacgc aaaataaata   300
aataaataaa taaataaata aataaataaa ataccctgaaa aaaaaaaa   348

<210> 165
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 165
gactgagcta cggagtcaag gccaagtgag ggggaccagt gcggcctgtg atgactgaag   60
ccaccagcgt ctcagtgttg gacgtttcca gtgtgtgtct gacgattcga gcacacgtgt   120
gcacacacac ggacggacac acacagacac acacacacac atattctcac acacttatgc   180
gtgtgtgaat atgtgtgtgg atgtctgtag ctgtatgtaa agcacatatg gctacaggtc   240
tagatacaca catgagtgta tatatatatg tatgtccatg ctagatacac acacgagtgt   300

41

```
atatatatgt atgtacatgc tagatgcaca catgagtgta tatatatgta tgtacatgta    360
aagatcgaag ggagcagggc gttttctcca aagtactgga cctggcttta accaaaattc    420
ttaaggaaaa tntttcaata taaaaccc                                       448


<210> 166
<211> 462
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G


<400> 166
ctgagccagc aagcacatct gttggagcct acttcttcag gattacagtt tatacacgaa    60
gaccagctga aacacccaga ctgcagactc acgcccactg gaagcctacc tcttcaggat    120
tgcagtttat acagagggcc agctgaaaca cctagcctcg tggaactaga ctcttggact    180
tcccatttac agctgtccat tgttggnncc tgtttccang tccctgcatg ggttactgtc    240
ccgantnccc ttaaggatat gctgtgatat ngcatngtng gccanataaa ccttttcctg    300
accaatntgc anatagntgn nctagttctg nacttcctct ttggtctggc tgttggatta    360
tggtccacag tgaggaccan acnnagacac agtgaaaggc tacttnctgg ctggaangggg   420
acatggtgtg gtgggtcann tggggggcatc ctttgttttc ca                     462


<210> 167
<211> 391
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G


<400> 167
ctgcttcagc aggatggagc atcantgaga tggntcagca ggaacgcaag cagcagcagg    60
agctgcgctt ggccttgaag caggagcgcc gggctcaggc acagcagggc catcggccat    120
acttcctgaa gaaatctgag cagcggcagc tggccttggc tgagaagttc aaggagctga    180
gacgcagcaa gaagctggag agtttcctga gtcgaaagag gcggcggaac gcaggcaagg    240
acaggaggca cctcccgctg agcaaggagt agtaagaact gtcccaggag acctggatct    300
gtgggaacgg ggcttggctt gcccggctct ggatctttnc cttgctcaaa aatgagcttg    360
atgactacca ctggcctaag ctgacttgga a                                   391


<210> 168
<211> 574
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G


<400> 168
aagacggatg ctcccccattc tgatgtgaag gatgangaag ggacngnaga anagncnncc    60
ncnnnnttta nacngactan canganaanc ttgaagagaa acacnngagt gatgctgaag    120
aagatggtgt tactggcagt caagatgagg aagatagcaa gcctaaagca gaggaggatg    180
aaattttgaa cagatcgcca agaaacagaa agccacgaag agagtgaaac aatctttaag    240
aacttgatct gtgatttcct ctccctcccc ttcccctgca aatgtggtcc taggagaggg    300
cctggtgtac cttangtggg agctcaaaac ctcaagatgt caccatcaac aggttccagt    360
gaatactagc ctgtaatttt aaacatctag cagtaaataa ttgcagttgt aatgtaaagg    420
accctgtttc tgtagaaagg aaaacattta acataatggt tgngaaatgt accatgaaac    480
actaactagn gttttggttg nttttaaaan ttttccaggg nggctttttt ttttttttccc   540
```

42

ttttcccttt tttttttttt tttttttaaaa aaaa   574

<210> 169
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 169
actcactatg aagccnnaga tgaccttgaa cttctgatcc tctcacctcc atccctgagt   60
gctgggactg ctggtatgtg ccgttatgng tgtgctgttg ggagattgan ctcaaggcct   120
ctcccatgct atgcaagcac cctaccaact gagctatatc cccagccttc ccaccttana   180
gnggtatatt gtactgagga tta   203

<210> 170
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 170
gactgagatt ctcacaaaca caaagataaa cacaaagatc gagaacaccg gcataaagga   60
gcacaagaag gataaggata aggaccggga aaagtctaag catagcaaca gtgaacatan   120
agattctgaa aagaaacaca cagagaaaga gaaaaccaaa cacaatagat ggcagctcac   180
gaaaaacata angacaaaca taaagacaga gacaaggaaa gacgaaagga ggaaaagatt   240
agagctgctg gggatgctaa aataaaaaaa   270

<210> 171
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 171
ctgagagaga ttcagcctca aagacatcaa agccataaga cactatgtgt aaggtcaatg   60
ggatctttgg gaacaaaact gattcggaaa agacacctca tcttatggga gctgggcctc   120
tgtgtcacct ggaagagcaa acacatcatt taagaatcca tatgccaaca aggttttgct   180
gaaaggaccc cgatatagct gtcttgtgtg aggctatgcc agtgcctgnc aaatacagaa   240
gnggatgctc acagtcatct attggatgga acacagggcc cccaatggag gagctngaga   300
aagcacccaa ggagctgaag gggtctacaa ccctattggt tg   342

<210> 172
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

43

<400> 172
```
actgaggtga ctccanngaa tgggtcattc catctccana ggggtnagnn acccaccagc    60
tgaaaactgc tttactaaat tggtctgcat ggctggccta caattcaaag atctgcctgt   120
ttctgcctcc cgagngccgg gatttaaagg catgtgttgg gctggagaga tggctcaacg   180
gttaagagca cagactgctc ttccagaggt cgtgagattc tgactccttc ctcangcatc   240
ctgataaaga tgttcgttta ctggtggctt gctgccttgc tgatattttc aggatttatg   300
ctcctgaggc tccttacacg tcgtgagatc c                                  331
```

<210> 173
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 173
```
tcaaacggga gccgcttngg actgactgnc tgccttcctc ctnctccccc tcctcccct    60
tctgcttcag atttatttat tatatgtaag tacactgtag cagttgtagg acacactaga   120
cgagggcacc agatctcatt gtgggtggtt gtgaaccacc caccatgtgg tngntgggat   180
tnganctcan gatctttana agagcagtcn gggntctaaa cngctgagcc atntttccag   240
nctcctgcat ttcttcttaa ggcatgaaat gatcncanaa tggnacgaca gtcttgnntt   300
nttttccttt ttagaananana ttttttccct ttttncactc attatactgt att         353
```

<210> 174
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 174
```
tgagatcaac ttgtgataat gctgccattg agagaaactc acccaacagc tgctcatgag    60
gtcctgcaga agtngcctct tccattgcct tgcctcagga tggntggtaa acctggcnat   120
tncttcanga ttgaactaca gctgcctggn gtctgcctgc caagaggact ggtctgcagc   180
tgctgaattg tatttgatgt ttgctacagg actgacctgc tgcccaagaa gatcaagctt   240
gcccccaaag aactactgat gaacaggctc acttccccta tatcctaata aattttctct   300
tctactacct ttgatgggta gtgggct                                       327
```

<210> 175
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 175
```
actgagaaag tctcgggctg gtgagatggc tcagtgggta agagcacccg actgctcttc    60
cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccat ccgtgagatg   120
ccaggacttg gaaggtggan nccaaactgg ntcctgaaca aacagaagga tgtgagngat   180
gggaagttca nccaggntct ggccaacggt ctagacaaca agctgcgtga gatga         235
```

<210> 176
<211> 325
<212> DNA
```

44

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 176
atggcacaat tcaatgaaac tgactttcta nagaanccaa gagttggggc tgnagagatg    60
gctcagtggt tnagagcact gactgctctt cnatgacgtc ctgagtgtca attgccagca   120
nccacatggt ggttcncanc agatncatnc ctgnagatcg cacatgcccn ctnctggtgn   180
gtctgaagnc antctccnnc tnacttgcat annntnaaac cttaagtgtt tggcatgagg   240
ctttaacaga cacaatctgg agtgnctatg ttttacccaa gangcccaaa aaagtancat   300
ttgattgcct agagtggatc ataaa                                         325

<210> 177
<211> 280
<212> DNA
<213> Mus musculus

<400> 177
gctggcgaca tcggccctcg tctgacccag gaacgctaag gaaggcacaa tgcggcgctg    60
ggtgaagatg cttcatagag gagaggagtc cctgaagatg cagagcactg tggcagcatc   120
agaagctgac aatgaccaat tgagagcggc cagcagagcc agtcctctta cagctgcaga   180
actcacggtg tgccagtcaa tggccatttg gctttttgaag caaattggga aagtgtaaac   240
gcttgataaa tagttgcctc ttgagtgaaa atgaaaaaaa                         280

<210> 178
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 178
gtggctgcca atttgatgta aactccctgc tatgacgctt aactgtctgg aggagaagta    60
caagttggac taggaacaga ttgatccctc cacgtcagcc tcctggccac ccgagactca   120
catcttgtca gagaaacaca atgggctcat ttagctgtac attgaactgg tggtcttcta   180
agagaatgtg atgataataa gactttaagg taaaagttaa gaactggggc tggggggctgg   240
agagatggct cagcagttat agagcactga ctgctcttct gaaggtcctg agttcaaatc   300
ccagcaacca catggnggct cacaaccatc tgtaatgaga tctggcacct tcttctggng   360
tgtctgaaga cagctacagt gtacttacat ataataaata aataaatctt                410

<210> 179
<211> 290
<212> DNA
<213> Mus musculus

<400> 179
gactgagatt taccttcaag actgctgaaa ttttaactac ccaagatgcc tgtccctccc    60
ccaccagcac ccccaccgcc accaacattt gcactcgcta acactgagaa gcccaccttg   120
aacaagacag agcaggctgg gaggaatgct cttctctctg acatcagcaa agggaagaag   180
ctaaagaaga cggtcaccaa tgacagaagt gccccaatat tggacaaacc aaagggagcc   240
ggcgccagtg ctggtggcta tggtggaggc ggcggaggtg gtggtggagg              290

<210> 180
<211> 287
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 180
agactgagag agaagcctgc cgatgaatgt ctcgtggaat tccanccgat tcttcccact      60
tncgatgggt naanccaccg ntactgattc ncatttggng tnngctatng gactgaacct     120
gctgatatcc tgacatgaag cttagagtcg atctaaagaa ctacttctaa acaggtccac     180
aatgcccttg ncctagtaac cgtatctntc ccctacctct ggtcggtgct ctagaaggga     240
gattgatgca ttgaagaacc ccaaataaaa taggctttga aaaatca                   287

<210> 181
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 181
tatttgcact taacagcaac ctcagcttnt tgccaggcgg ngagtaccaa gagctgctgt      60
ggagtgcaga tgctgacagg aagcagcagt gcagcttcaa gggcaaggac ccaaaggtga     120
gactgaggga tctgggcaga acactgagca gatatggctg ttatgggaag gacacagtct     180
ggacatcgcc agcactgggc ttcagcccca gccccagccc cagccccagc cctgtcctnt     240
atgngatcct ggataaatag attcatctgg tca                                  273

<210> 182
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 182
ttaccttaaa gatctncctg ttttgcctgc cgagngtctt attanngctt gctccatcac      60
accagggatg gcaagatgcc ttcnagggta atagcactga ctgctcttcc naaggtgcct     120
gagttcanat cccagcancc acatggncgc tcaanaccat ctttaatgag atctgatgcc     180
tgtttctggt gtgtngtgac aacagctact ncgtacttat atatnacnaa tggatatctc     240
tttcaagttt tacctgccaa agttacacat gaaggggaca ctgtgggaga ngagtctgtc     300
tcctgcanaa tgtctctaan aagcccaggt ttctccttaa cctangaacc ctgcagctgt     360
aggacccana agtggggtct cttctctata ctaactatct taacccttat ctcttgccca     420
ctgaatatta aataaaatat cattagttaa tcc                                  453

<210> 183
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 183
gcctccagga tccagtccgg ctgtcgcgtt gcctgatcct gttcaagttg naggcttggg      60
aggaactgan tggtaggtca aggcttctat cttttttcca tgctaagggc tgtaccactg     120
ccaaaggtta ngaaaagata agaggggctg gcgagatggc tcaacgggta agagcacccg     180

46

```
actgctcttc cgaaggtcct gagttcaaat cccagcaacc acatgggggc tcacaaccat     240
ctatnangag atctgactcn ctcttctnga ntgtntgaag acagctacag tgtacttaca     300
tataataa                                                             308


<210> 184
<211> 440
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G


<400> 184
agactgagaa aggccaactt ccatcaatgg gtggatgnnn cntgggactn tgctncacga      60
ntgcntgggc tgatagagcc tnanattcaa nntggctcat tntaccctat ggaaagagga     120
ggtggagtgn gagagccaat tgnaatggaa nacagngagg aaacaaaggc cttcnagaca     180
caanaggact gctgagctca caaagactga ggcagcaccc tcaggacctg cacaggtcta     240
agcttgatgc gatctgagta ctgagagggc aactggacac aattctatat tgataaccca     300
gaagctttct ccagttgata aactctttca aaggaaaaac ttgtttttcta ccatggagtg     360
acactggata tngaaacctt cccgttaaca ggcagacttc catgggctca agacttccaa     420
tacaatatga actcagttgc                                                 440


<210> 185
<211> 207
<212> DNA
<213> Mus musculus


<400> 185
ctgagggttc caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct      60
gccttcctcc tcctccccct cctccccctt ctgcttcaga tttatttatt atatgtaagt     120
acactgtagc agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg     180
tgacccaccc tgcgggtgct gggattt                                         207


<210> 186
<211> 318
<212> DNA
<213> Mus musculus


<400> 186
gtctcctatg ctcagtcaaa tctccataac tgtaaatcaa cactaagagc actggataag      60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt     120
ccaccacacc tttaatcccg gatgaccttg aactcggaga tttaatcttc tggaatccat     180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc     240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa     300
atcaagttga caaccagg                                                   318


<210> 187
<211> 438
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G


<400> 187
tccagactga gaaaangaga agaaatggca gnggttgatg acaaccaccc ntcntcccca      60
aaccaaaagg ancaggnagg aaccccntct tccaggactc ctgggacaca gagtcttcaa     120
gcagcgacag tggtgggagc agcagcagca gcagcatcaa cagcccagac agggccagtg     180
ggccagagag cagcctgagc cacaccatcc ccggatcctg ccccagcacc ccccagccga     240
```

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```
tgcctgagca gtctggcact atgcccaagg gcccttactt tccacatcaa ccagaccctt    300
gaangaggct cactttcata agcctacagc acccgangcc ggcccgcega catgatgctc    360
cttccggcaa gtttcttgcc ttctgtgaan ggacaagcac tgtgcaaaat ggatatttca    420
acttaatgat ttggtttt                                                  438


<210> 188
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 188
agactgaggg agatcataga caacacaagc aaagagaacg ggatcgacat catcctggcc     60
gacaggacct tccatctcat cgcggagtcc cccgaagatg ccagccaatg gttcagcgtg    120
ctgagtcagg tccactcgtc cacagaccag gagatcagag aaatgcatga tgagcaggca    180
aacccccaga atgctgtgag gtgctggaga gatggctcag cagttaagag cactgactgc    240
tcttccgaag gtcctgagtt caaattccag caaccacatg gtggctcaca accatccgta    300
acaagatctg atgacnccct cttntggagt atgcttacag ctacagggta cttacat       357


<210> 189
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 189
gagcacggca gtggtgaccc aacagctggt gtctaagccc agccgggaga ccccgagggc     60
canggccctg tcgtgttagc accgcagatc ggaaaaaaaa                          100


<210> 190
<211> 361
<212> DNA
<213> Mus musculus

<400> 190
agactgaggg agaagagatg ggtgactgtg ggtgatacct ccctgaggat attcaaatgg     60
gtgcctgtga cagatagcaa ggagtgtacc atattcatgc ctggtgccca ggaaggtcag    120
aagagggctt cagatccctc agaactggag tcctggatgg ctgagtcacc atcgaggtac    180
tggaaatcaa atccagatcc tctgaaagag cagcagacac tccttagctg cagaaccatc    240
tctccagctc ctccacagtt taaaaatatt atgtattttt atcttatgtt catgtgtgtt    300
ttgcctgcag aggccaaaaa tacatatctg ttctcgtgga actcgaatta caaaaaaaaa    360
a                                                                    361


<210> 191
<211> 241
<212> DNA
<213> Mus musculus

<400> 191
cgaagaaatg ctgtacgtgc ccttaaatca ctctctaaga aataccgctt agaagtggga     60
atccaagcta tggaacatct tatccatgtt ttacaaacag atcggtcctg agttcaaatc    120
ccagcaacca catggtggct cataaccatc cgtaacgaaa tctgatgccc tcttctggaa    180
tgtctgaaga cagctacagt gtaattatat atagtaaata aataaatatt tttaaaaaat    240
g                                                                    241
```

48

<210> 192
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 192
```
cttttccctg gtcccangac ttncccaccc ctcctccaaa taccaagact atgggcttaa      60
aantttcaaa tgggngctgg agagatggnt catcnagtta agagcaccga ctgctctttc     120
taaggtcctg agttcaaatn ccancancca tatngnggct cacaaccatc tgtaatgnaa     180
nctgatgccc tcttctgntg tgtctgaaga cagctacagt gtactcacat atattaaata     240
aataattctt taaaaaaaaa aa                                              262
```

<210> 193
<211> 224
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 193
```
tgaggtccgc atagccgcta aattcatcac ccatgcaccc ccaggggagt ttaatgaagt      60
attcaatgtt ccaaccctgg gacagccctg aggtgctgaa caagggagat tgctgcaagc     120
tccattacaa cctggacgaa aggntgtctc aaaactnaaa tgaantgaat agaacccggn     180
cgggggcggt gcaccccttt attcccacca cttgggaggc acag                     224
```

<210> 194
<211> 402
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 194
```
ctgaaggcag tttacattcg gagttccgcg gactcttcan aggctgtaaa aatgccggag      60
tcacgaaagc ctgcaaagag ctgttgcttg ccttgctgct gctgctgcta ctgccgtccc     120
tgcccgtgct gcagctgcta ctcctgctgc tgctgctgct gcttgttgct gattgttgcg     180
gttgctggtt gctgtttact gtttgctgcc ggctggattg ctggattgct gattgccagt     240
cggcgaaatc ctggcgatga agatccaact tgccccaaga aacaagacga ccctaagaag     300
tagtctaatg atttcaatac gcccttтccc cctctgaccn tttttctctt accttatgct     360
gggggattgg aagggtggca gaaaaaagaa cccaataaag ta                        402
```

<210> 195
<211> 413
<212> DNA
<213> Mus musculus

<400> 195
```
actgagggga gtacagttct ccaacactgc cccagctaaa tcatctaatg ccacaggtga      60
caagggcaa gaccacctct cctgttctca tgacctaggg ccggctcatcc cacctgacag     120
aggcagcaaa aacgtaggtg gtgggagggc acctctccct cactcatgct accacgtggc     180
agacaaggga catgcagaca agggtcatgt gctcatgacc tctgtcagga tcacccaagt     240
ctccaccatc agtgccaact ctactgtgct gctcagatca gtttcttcct ctgaagatgc     300
```

```
gctgtctttt gcagatttca ttgatttttt ctttatacct ggttcagcaa aacaacatag    360
gaaggttaaa agacaggctc aacagtgaaa atttggtata ctttgaaccc ata           413
```

<210> 196
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

```
<400> 196
acctgcttgc tcggggtgga gctncctgct catncatnct accacgccca ctggnggaac     60
ntgaggagcc acanacgtgc nccnttctac tggancaata nantattatg gtgggaatng    120
ggtcccctnc cccttccttc ataactancc gnnanagcaa taaaanttga gccttgatca    180
tnangantga aaaaagaagg ggggggggna nnacccaac atggacacag gaatcttctt     240
gatagttcag tcaagttctc tcttctttat ttccccccaa cccccagctt atgttcctca    300
gcaaactctc aattacagng gggctatatt ctattttttct ttaagggnna tggataccat   360
nnantttcct aannacccctt nanggggata aaagggnttt acatattaca gggggaaaaa    420
```

<210> 197
<211> 376
<212> DNA
<213> Mus musculus

```
<400> 197
agactgagga taattgaaat aaatcaaaac caaaagcagg tggaacagga tattaaagtt     60
gccatcttca cattgatggt ggagataaac aaaaaaggga aagctctgct gcaccagctt    120
gagagtcttg caaaggacca tcgaatgaaa ctcatgcaac aacagcagga agtggctggg    180
ctttctaagc agttagagca cgtcatgcat ttttctaaat gggctgtttc cagtggcagc    240
agcacagcct tgctgtacag caagcggctg ctcctgcttc ctgacctgct tgagttccag    300
tcctgacttc ctttggtgat gaacagaatc gtggaagtgt aagctgaata aaccctttcc    360
tccccaaaaa aaaaaa                                                     376
```

<210> 198
<211> 248
<212> DNA
<213> Mus musculus

```
<400> 198
ttgacaccct tagtctgcaa accaaactca gggccttctg tatgtggagc atttgttgta     60
ccgctgcctg aggacgagga aggggaagtt actgggctgg cttcgagaga tatgtatgta    120
tgcctgatgc ctgtggagtt ccaaaggtgt gtccctggg attggagtta caggcagttg    180
tgagccattt gggttctggg atgctaaccc aggttctctg caagagcaac gagtgcttca    240
accactga                                                             248
```

<210> 199
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

```
<400> 199
ctcatagtaa aaagaagcga tccgggtcnc gcagncgnca ttcnaagtat ctcacctgtc     60
aggcttccat tgaattccag cctgggagct gaactcagta                          100
```

<210> 200

                                  50
```

<211> 249
<212> DNA
<213> Mus musculus

<400> 200
actgaggatt ttggctttag agaagcttgg tgctgtcttc aatcaagtag ccttcccatt   60
gcagtacaca cccaggaagt ttgtcatcca ccctgagagt aacaacctta tcatcattga   120
gacggatcac aatgcctaca ctgaggccac aaaagctcag agaaagcagc agatggctga   180
ggattgtaag gaattgggct gccgactgta agtcatcaat aaattccttt actatctaga   240
aaaaaaaaa   249

<210> 201
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 201
cctgagactg caagtggcaa tgtggaagca aaagtcgtct gcttttacag aagacgggac   60
atctccaaca cgcttatcat gctcgccgac aagcatgcta tcttncacta nnagcctttg   120
gangaanaca taaaactcnc anntcctnnt gcgccntgcc tgcctggata ctgccatgct   180
ctcacctgga tgataatgga ctgaacctct gaacctgtaa gccagaccca attaaatgtt   240
gtttttata agaaaaaaaa   260

<210> 202
<211> 442
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 202
gatgaggtag gcacggctgg ccantcctgg gtgcaccca aaatacagtt tgctttaatt   60
gaacaatcac tcaaaaactg gcncaaggaa nananntgat ngnngnnccn ganctgcggg   120
tcgcggtaat aaaggttccc gtaaagnnga ctgttaagaa ggattcaact gtatgaattc   180
agaacttttc agctggggaa cgagagtacc agtgagtaca gctttacgag gtaagtccga   240
tcttgaactt tctaacgaaa ttcaagacag tctatcagaa gtaaagtgga aaatggcttt   300
acaagttatg tttggccttg aattttttct agtgttagaa nccctttgt tccttttcac   360
atgttatcaa gtggttaaag cagggcggat tctaaaggaa attcannaca agctntcana   420
agtaaaacgg ggagaaagag tt   442

<210> 203
<211> 197
<212> DNA
<213> Mus musculus

<400> 203
gactgggatg tcctaacttc aggatggaag gaaggaaaca tgatgccata ttgaagaggt   60
tttgtctttg tttcaatggg agaagaagag ctacggatac catcaaatta ataaagatta   120
gatttggcca ggggagacct cctgaaaatc ttggctacag acatgaagga aaaaattcaa   180
gaagaccaaa aaaaaaa   197

<210> 204
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 204
gactgaggga gaaactcact cgccaaacaa cgtctcgtgg tatcctggct gactctggcc   60
gcttcagcag agcctggctg ttcctgctgg attgtgctac tgctacagat tcatgtttgg   120
tgtttgctat tgaactgggc tgcttatatc ctgacacgga agagtggaat cgcccaaagc   180
aagtacttct aatcaggtcc acaactccct ttgcctttaa ccttgctttt tccctacctc   240
tggttggtgg gctaaaaggg agggttaaga accccaaata aagncagttt tgaaaaacct   300
a   301

<210> 205
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 205
atgacttgga taaagaacta aacaactaca ttatgcggtg tagggaatgg tactgaaaag   60
aaagcaaaaa aagccaagac taaaattaaa gctgaagtat aggaggagat ggaggaggag   120
gaggcggagg aagaacaggt agtagaagag gagccgactg taaagaataa aaagaagaag   180
gataaaaaga aacacataaa ggaagagcca ctttccgagg aggagccatg tnccagcaca   240
gcagttccta gtccagagaa aaaaaaa   267

<210> 206
<211> 370
<212> DNA
<213> Mus musculus

<400> 206
agctgtagct gtccctccaa acaaggctat tcagagagtt ggagacaaca gaaaaggcaa   60
gctagacacg ttcagcatga gtctaggact gggctccgta atttcctgtg cgtcttcaga   120
acaatctggc aaccacacag tttgtaaact gtacacctga acttccaaac tttacatatt   180
atacatacat acccatacat atggatagat acacgtatat gtatatatgt atattgtgta   240
tatgtatata aatatatatg tgtatataca tatatttata aaatgttaag acatatctga   300
tttactttca ccactacaga attatgtata ttactggaaa aatttagaaa tacttgcttc   360
ttaatagaat   370

<210> 207
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 207
acactgagag accctgttga ctgactgagc tggcttggcc acccaccctt gaaccaacga   60
tcatcctgtc ttggtttccc aagtgctggg attacagatn cccngngact ngcatgacac   120
ccctgtnctc ttntctcgga gacccngtga cttgcctgnc ccacagaaca cactnagcga   180
aaanctgctg nctgaataan cctnctgccc ccgtgcgtct cctnctccgt agncgtnact   240
gacggactgt ggtgac   256

<210> 208
<211> 544

52

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 208
```
ctgagccccc tgggatgata cccaacaact catgagaata atcttcatga ccgaagagtg      60
agagaggata atgcaggaag ccaaaaagaa tgtcccttca gacacgaggg catcatcgat     120
tgaccaggct gttatctaca gcgggtgtct cctgattaga cctggctggg actttaacac     180
agcagaaggt aagtggcacc tgaaggtcta ccgccaggct ccattggcag gtctcaagga     240
gggctgtact acaacccaca aatttgacca aggtacgtga agttagacaa ggatcagatg     300
agtcacctgc tgcctttcta gaatgactca tggaggcatt ccgtcagtat acaccctatg     360
atcccagcag caaggagcac aaagctactg ngactatggc atttattaga ccagcttgtt     420
agagatatca ggaaaatgct tcagaggcta nagggatgac agggtaagtc actgaggggt     480
ttaatgcagg ttgcttgagg aagtctacca taacagggag acaggggagg aaaaaaccat     540
attg                                                                 544
```

<210> 209
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 209
```
gcaactgaag gaaaagctgc cctatgtggt aatgaaaaac ttaacactgt cctgcatgac      60
tgcctatgga agaccgatga cctctgccct caagcccaat ggagaatcct aggggcgcta     120
gctccatcca tctgtaagtc ccagaaccca agtctcagga gcggcgggag accggagaca     180
aagtgagaga ggtggatgga agcgaaagac aagcaggaga gagagaagag accacgctga     240
ctctcactcc ctcttcttta atacaacaaa gttgcaactt gggctcctgg atctaaatac     300
cgcaggtcca gagaagacaa aacaccaggc atcactgcat ctcttagggg gtacccacca     360
agacctccag gtccttcact ccaggaaggg ccctgttgaa tatctgcaga gagatgggtt     420
ggagcacagc ttggtgctca gtcctggccc tgtggctcct ctggtgtgct gtctgctcca     480
acgcaacgtc aggggacng caatgcgttt ccttttgac atcca                      525
```

<210> 210
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 210
```
agaactgagg gttccaagac tgccctttgg tattcaaacg ggagccgctt tggactgact      60
ggctgccttc ctcctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt     120
aagtacactg tagcagttgt aggacacact anacgagggc accagatctc attgtgggtg     180
gttgtgaacc acccaccatg tggttgctgg gatttgaact caggatcttg cagaagagca     240
ntcaggagctc taaaccgctg agccatctnt ccagnctcct gcattccttc ttanggcatg     300
aatgatccca gcatgggacg acagtctgcc ctcccttctt tttgagggag at            352
```

<210> 211
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 211
actgagcata aacagaggcg gcatgacaag aaacnnaggc tctggaggtt ttggtggtgg   60
tggcaccagg agagggacac gtggaggcag ccggggaaga ggtagaggca ccggcaggaa   120
ctcaaagcag cagctttctg cagaggagtt ggacgcacag ctggatgctt acaatgcaag   180
gatggacacc agctaaacaa ctgagcaaat ccacacaagt aacaggaccc agaagcctcg   240
cctgtgatgc ctagagggag ggttggcaac tgaactgtgc agacaatggn ggatttggtt   300
tggttctttt tatttctttt cttttttttt ttnttcccgg tttaaaaaag gatntaaaaa   360
cncttntaaa ggnttttttt tttttttttt tggggttggg gngggntttt ggtttttttt   420
ttaaaaaaaa aaa   433

<210> 212
<211> 100
<212> DNA
<213> Mus musculus

<400> 212
ctgatacatc tttagatggt ggaagatttc tctgagaagt gagtatcggt cagcaaaacc   60
tggagaaaca aaggaaagcc atgaacactt gctagataac   100

<210> 213
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 213
gtgacaggag gccatantga ctganttgtg ganctctcac aggtgctgca ggaggcntgn   60
ntggtgccnt actgnnnaaa ctgnanaang gngnnggatg atcatctcac tgacaattta   120
gagacagaga aactgtgtga ctacttctcc acacacctgg gtgtctaccg gcccgtgctg   180
gctgcgctgg agtctctgaa ccgtgcggtg ctcactgcca tggacactac aaagctggga   240
ggagatgnag tctcccctnc cccancctga aacctgcttg ctcngggngg agctncctgc   300
tcattcgttc tgccncgccc actgttgtan cctgnngaat cacacncgtg cacctttcta   360
ctggaccaga aa   372

<210> 214
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 214
agaactgagg gttccaagac tgccctttgg gattcaaacg ggagccgctt tggactgact   60
ggctgccttc ctcctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt   120
aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg   180
gttgngaacc acccactcat gtg   203

<210> 215
<211> 100
<212> DNA
<213> Mus musculus

54

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 215
cactgagacc aacttttaca agtctacctg ttcgagaaga aatgatggcg aaatactcaa   60
acctttcctt aaagagctgt natatctcag tgacggaaaa   100

<210> 216
<211> 430
<212> DNA
<213> Mus musculus

<400> 216
agactgagta tccctggaac tgatgatgtc atccagccag ctgctcctgt tgacccggga   60
cacccaccct tagctgactc gtcccaccat ggtgacgctg tcagctcagt ctctacacat   120
ctgacagtcc agagcgcctc cccatctgct gcccgtgcaa gtcctgctcc tttggcccca   180
gaacatacag cctcggctcc ctccgcagcc ggtcctggag tagaagtcac ccccactgcc   240
tcccgagtgc tgggattgaa ggtgtgtacc accacacccg gcgagtctcc ctttcttaac   300
cccatgagga taatccttcg ccaccatgat gtgctctcct aagtcatttt gggcactgtt   360
agctacgcac gcacgtcctc ttttcataga caaagaaact gagaacaaac aaggtacaaa   420
acaacaaaaa   430

<210> 217
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 217
cactgagagg ctcacaggac acctgcacaa caaaggctgt ccccgtatgt aatcaacctg   60
gacccagctg tgcatgaagt cccctttccc gccaatattg atatccgaga cacagtgaaa   120
tataaagaag tcatgaagca gtatcctttt nctcatctgc tgcgagactg actcggtcat   180
ggcaaactgc tgncttaat tgntttgggg gagnggcttt gcctgtcang nngngacaat   240
acaagnagaa aactcatgnc cttttaggna atnntattaa gaggataaga tgagggctgg   300
tganatggct caacaggtna gaacactgac tgctcttcca aaggtcctga gttcaaatcc   360
cagcaaccac atggtgg   377

<210> 218
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 218
cactgaggcc aagttcacag tggagactga ccccacatgt gagtttattt tgcctcacca   60
gttcaggtca cagttcacgg tggccccatg gtgtccacag tcaggaagca aagagagatg   120
gatgcttgtg ctcaacccaa cctctccttt ttatccagcc ttggatcaca gcccacttca   180
tgatggagca acactgggtc atcacccaag tgccnnggca catgcagcca cccagttttg   240
gactttcagc ttctaggact gtatcccatg taagcctctt tataaattat ccagcctcaa   300
gtgctctgtt atagcaacag taaccaacta agaccccata actccagcaa ctaatactta   360
atgaataatt gctgacttaa tctctcatca cttggattct ataaaggtct ttggcaatca   420
tttcttatng gaanaaatat tnttnttccc aatttgggcc cccncctact ttggggnaag   480
ggggggttag aaggt   495

55

<210> 219
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 219
gaaactcctg cctatttntg tgtctttgct cctgctcctt acccttatt tgtaaggccc   60
anccttgaag aattgcttga gggctggaga gatggctcag tggttaagag tactgactgc   120
acttccagag gtcctgcaac cacgtggtgg ctcacaacca tctgtaatgg gatccgaagc   180
ctcctggtgt gtctgaagag actgacagta aaactcacat aaaataaata   230

<210> 220
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 220
gactgagaga aaaaagcaga gatcgtgaaa gggaacggga gcgggaaaga gagagagaac   60
gagaacggga acgagaacga gagcgagaga gagaacggga gagagaacgg gaacgggaaa   120
gagagaaaga caagaaaaga gacagagaag aggatgaaga agatgcntnt gaacgaagaa   180
aactcgaacg aaaactgcga gagaaagagg ctgcttatca agagcgcctt aagaattggg   240
aaatcagaga acgaaagaaa actagggant ntgagaagga ggcagaaaaa aaaaa   295

<210> 221
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 221
aattgaggct tccaagactg ccctttggta ttcaaacggg agccgntttg gactgactgg   60
ctgccttcct cctcctcccc ctcctcccc ttctgcttca gatttattta ttatatgtaa   120
gtacactgta gcagttgtag gacacactan acgagggcac cagatctcat tgtgggtggt   180
tgggaaccac ccaccatgtg gttgctggga tttgaactca ggatcttca   229

<210> 222
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 222
gaaattcaat agcagtacag catttgcctt gcatgtgtca gncccttgtt tcaaactctg   60
gtaccagagt ttagatctgg ttttgataaa taaataaata aataaataan caacaaaata   120
taaaaaa   127

<210> 223
<211> 100
<212> DNA
<213> Mus musculus

<400> 223
gtccacttct tcaacagctt tttccataga cagctggtaa ccaaaggcta taatggagtt   60
aaaagatgga cgaagaagga aatctggaaa aagaagaaaa   100

<210> 224
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 224
ttaggaaaaa ggtcacagga actgaagggg atgaaaggag ctaccccaca tgaacaccaa   60
cagcagtgnc nactngcctg gacccctgaa tactcccaga ancaacaccc aaagaacata   120
catggactta ttcaaggcct gtggcacata tctagcaaan aacttgantn tccccagtgg   180
gagaggatgt gccca   195

<210> 225
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 225
ccaactgagg tcttgccccc tgctactctc ccaaaactac tgaactggac tgctggtatc   60
atccatggag tgtttgtgag tggactgagc tgctgctgct gacctgtgaa ctgaactgct   120
gatttctaac aatgcagata ggatttgctc caaaaaacca atttctaaac aggtacactt   180
cctccatatc ctttctttc cactacctct ggtgggtggt tggctagaag ggaggttaaa   240
gcctttacta aaaagagggt tgagaaaaaa attaaagcct acancctttt attaaataaa   300
cttttgtaat gggtaa   316

<210> 226
<211> 227
<212> DNA
<213> Mus musculus

<400> 226
gaggactctc ctgttcttgc cacatttgac tgaagaagga caacggggtc aaggtttgag   60
gactgacagg taagtttcc tggagattca aaactgtgct tttcaacaag cattgggget   120
caaagttctg tcagtttgag ggcagcctag tctacaaagc gagttccagg actgccagtg   180
gtctgttaca cagagaaacc tgtcttggaa aaccaaacca aaaaaaa   227

<210> 227
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 227
attcttgagt ttcttggggc cangaagatg acacgantag atctagacnc tggcctagcg   60
tgacctccan agtttggncc ttgcntaaag gagaaaatta atnccttcag ttgntctctg   120
acctccacat gcgtcctgta acatgggtgt atgcatacac ataaacacac atccacacgt   180
tg   182

<210> 228
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 228
gaagaatttt catcaacaaa catcattttn aaagaaattn anggcgaaaa tggggcattg   60
ggnnnccntg ggggaagggg gagactgana gaatgagaat gaatnatggc caaataaata   120
aataaataaa taaataaaaa   140

<210> 229
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 229
attatataca ggagtgcnta aattttgtct gttacagccn cggccattag aagctggggc   60
aaagcttttc tgcctactta actctgattt tatntatnng ttatatgtaa gtacactgta   120
gctgncttca gacactccag aagagggagt cagatctcat tacaagatgg ttgngagcca   180
ccatgtggtt gctgggattt gaac   204

<210> 230
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 230
actgaggcag ggcgtgagta ctcgcctgct gccaccactg cggaaaatgg gggtggcnag   60
aagaaacaga aagagaagga gctcgatgag ctgaanaagg aggttgccat ggatgaccac   120
aagctgtcct tggatgagct gggctggcaa ggaaaggttg gggtgtgctg gctgaaggag   180
agaaaggaga gaaaggagag aaaggaaaga aggaaggaga gaaagaaaga aagaa   235

<210> 231
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 231

```
gttgtggagg aggcagagaa tggaacgaga tgcacctgcc aatgggaacg ctcaaaatga    60
ggaaantggg gagcaggagg ctgacaatga ggtagatgaa gaagaggaag aaggtgggga   120
ggaagaggag gaggaggaat a                                              141
```

<210> 232
<211> 104
<212> DNA
<213> Mus musculus

<400> 232

```
tgaggaaaga ccgggaacga gatcgggata gagaggaccg atctaaagat cgtgaccgag    60
aacgtgatag aggagacaga gaacgggaga gggaaaaaaa aaaa                     104
```

<210> 233
<211> 740
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 233

```
caggcttgac caagaacctg aagcctggtn aggatgactt ggannntgac ctgnaactgg    60
atcccatgct gncttttgaa cagagcaggn ggatggacct taatntggac ctagacttgg   120
acttggacca gncanagctg gaccctggat ctgagctgga ttctgagatc caagccaaac   180
ctgagctgga actagagtcg gagcttgaga cagatgccca gacagagcca gagacagagg   240
aagagccaga gctggagcca gagccagagc cagagccaga gacagagcca gagccagagc   300
cagagagaga gaggaagacc aggacaaggt ctcagagccc ctggcggaac tacttcactg   360
cttatcgctt tggttcttca aactcccagt ctagagctcc acctcagaca cgcccagaaa   420
agagaaagcc acataattac cccaattctc cctaaaacaa taaggatcct tggtaggtga   480
ctgcaaaatg caggctgagt atcttggcaa atcccttctg ccctacttgg catgacatct   540
agactgggta caaagccacc ggtcctggct ctgtgacccc ttcattgctg acttncttct   600
tattggattc ttgggatcac atgcccatca tatgcccang ctatgtgact tcaaggntgg   660
caantggctt ttggggtctg gcttcaggct ttgcanaatg natttttaac agatttcagt   720
gaaggcttcc tggacgtact                                               740
```

<210> 234
<211> 291
<212> DNA
<213> Mus musculus

<400> 234

```
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct    60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt   120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acagggtaac   180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag   240
tgtccttaca tataataaat aaataaatct ttttttttaa agaataaaaa a            291
```

<210> 235
<211> 306
<212> DNA
<213> Mus musculus

<400> 235

```
agggagaaac tcactcgcca aacaacgtct cgtggtatcc tggctgactc tggccgcttc    60
agcagagcct ggctgttcct gctggattgt gctactgcta cagattcatg tttggtgttt   120
gctattgaac tgggctgctt atatcctgac acggaagagt ggaatcgccc aaagcaagta   180
cttctaatca ggtccacaac tccctttgcc tttaaccttg cttttttccct acctctggtt   240
ggtgggctaa aagggagggt taagaacccc aaataaagtc agttttgaaa aacctaaaaa   300
aaaaaa                                                              306
```

<210> 236
<211> 600
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 236
```
acaatctgga gcaaaagatc ctgcaggtgt tgagcgatga cggcggccct gtgaagattg      60
gccagctggt gaagaaatgc caagtgccca agaaaaccct caatcaagtc ctttaccgcc     120
tgaagaagga ggacagagtg tcctccccag agcctgcaac atggagcata ggcggggctg     180
cttctggaga tggggctcct gcaatccctg agaactccag tgcccagcct agccttgatg     240
aaagaatatt aagattcctg gaagccaatg ggcctcacag ggccctgcac atcgccaagg     300
ctctgggaat gacgacagcc aaagaagtga acccactcct gtattccatg agaaataagc     360
accttctgag ctatgacgga cagacgtgga agatctacca ctcacgtcag gaaggccaag     420
acatagtctt gccatgtagc cctggatgtc ctagaactca ccatgtagac caagctggtc     480
ttgaacccac agagatcttc ttgcttctgc ctattaaatt ctgggattaa agcaccacta     540
cacctggaaa aatatctttt aaagncngta aaataaatga acaattaaag aatgcattct     600
```

<210> 237
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 237
```
gtggaactag actcttggac ttcccatttta cagctgtcca ttgttgggac tagcggctca      60
ttcagcacca tggagagtgc caccatcagc cctcagcccc cacagtctga ctccctggag     120
gcctttcccc agaagagcat ggagcctgca gacatcgctg tcctagttct gtacttcctc     180
tttgttctgc ttgttggatt atggccacag tgaggaccaa acgaagacac agtgaaaggn     240
tacnttctgg cttggaaggg acatgg                                         266
```

<210> 238
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 238
```
atctcagcgg ttctatagca cgctccagat gtcaaattaa acctcggtgt aagcggagat      60
ttcatcaaag aatctacagc tactacattt ctgagacaaa gaggctatgg ctggctttta     120
gaagttgaag atgaggatcc tgaagataac aagccacttt tgtatgtgaa agancatgta     180
atttgngtnt taagacctaa tntgnaggat gcttatgtnn nttttanaga cagatgaaga     240
aaatgtnagc ctttntggng aaaaatanta nagatgaaat cganaaaact tttggtgaaa     300
aacagagatg gctcancagn taagagngct tcctgctgtt tgagagagct tgngtttggt     360
ccagcactgt atcaggcaat gcagctgcct atagctccac atctgacttn gtacacttat     420
agaaacacat acacaaataa atctttttta aaagtaaaa                            459
```

<210> 239
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 239
gagtgatcga agaggagcca tgatggntaa acttctttaa aagaaagaac gacaaactgg   60
ctttccttga tgcctttgaa cctgagtcca gaagacttag ggacaatgga tagctaaaat   120
ttatttatat ctgaagttgg gtggcagggt gcactccaga ggcagaggca gaggcagggg   180
gatctatctc cgagtctgag gtcagcctgg tctacagatc gagttccaag acagccaggg   240
ctacaaagaa aaatcctgcc tcaaaaaatg gaaaaaa   277

<210> 240
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 240
aactgaggaa ggtgacanat ctctggaaan ggngctacat atgattcnan gacaccatgn   60
ggatgctggn natgaaantg gggccctctg gaanaacann ggaagaacgg ccaatgctct   120
tagcagacga agcctctcca gcctnccctt cacaaccect agtgttatca agagactagc   180
aaaccttcan ggggtcttca actaaataat acaatgagtt ttgcctttaa agagcacact   240
gctgggctgg tgagatggct cagtgggtaa gagcaccgga ctgttcttcc gaaggtttga   300
agttcaaatc ccancancca catggnggct cacccccccc cccccc   346

<210> 241
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 241
ccactgagct taaacacaac tgaagtctgt ctgtctcaag tgtattaatg acgcctgccc   60
aangtggtgg gaaagtccgt gaaactgcaa tcggggggctg gtgtgatggc tcagtggtta   120
anagcaccga ctgctcttct gaaggtcctg agttcaaatc ccagcaaccg catggtggct   180
cacatccatc cgtaacaaaa tctgatgccc tcttctggag tgtctgaaga cagctacagt   240
gtacttacat ataataaata aataaatctt taaaaaaaaa aa   282

<210> 242
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 242
gatcactaga cgggagatgc tgccaagngc cccagacggg atcaagactg caatgacaac   60
cataagatnc cctaaagcta ggacactgca aaaaaaaaaa   100

<210> 243
<211> 398

61

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 243
```
ggtcctctga acaatctaca agaacaacta cagcngacac ctcagcgcag gaaaaccnta    60
atngntnnnn ccagcctttc aaaaccaaaa tntttaggtt ttacctttta gcatggtaca   120
ttactgngaa aacataacgg aatgcagaag aatacagctt ttagcttact ttggtgaaaa   180
aggattcaac cctgattttt gtaagaaata cccagatgtt tcttgtgaca attgctgtaa   240
aacaaaaggn aattacttaa gtggngatgc aggcctttaa tcccagcact tagaaggcag   300
angaaggtgg atctctgaaa tcaaggccag nctggtctac acagagagtt ccaagacagc   360
caaggctaca ttatgaaacc caatctcaaa aaaaaaaa                           398
```

<210> 244
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 244
```
agctgctggt gcttgtgctg ttcccaagcc aaagggaagg agagtgcnag gaagaactag    60
tggtggagtc ccggtatctg caatatgaca agaaagcnaa naagggtccc cctggcctnt   120
ganaaagaac atcaaagatg gcttaacctc tgtagtggct attcctgggt gtcaacttga   180
ctatatttgg gaatgaacta caatccagaa ttggaaggct caccantgac cctaatctgg   240
aggctgggag atagaagtnt ctaanctgga tcttggtatg gagatcttga ggcatagtgg   300
ctatggattc cagaanatta agacagggag atctccgagt tcaaggtcat ctgggattaa   360
aggnatggng gcacataatc tgggctacac cttctgctgg agaccatata aggacattgg   420
aagaagggag nctcactctc gctcctttgc ctgcttg                            457
```

<210> 245
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 245
```
actgagattg ggacaaaaca cccatgggaa ggagttacag aggcaaagtt tggagctgag    60
acaaaaggat ggaccatcta gagactgcca tatccaaaga aattaaagat ctcagaagat   120
gcctctcaca gaagccagtt gtcatcctct gaactgctct aatgaaaagc aaggaccaaa   180
ggatggctga gggccaacag ccacggagaa aatcaatcct gtcattgcga gtgggtctgg   240
acgcaccctc ttctttccag tggagccaga ggtggcacca gcttgggcta agcctttgaa   300
tgtggacttg caaggactca gccaagttgt gtctagatta ccggccaaaa gacacctgta   360
agagttaagt tgggngttgg tagttgctca cttttggagn aatttattac tanttcatag   420
ataaccaata aagagtcttt tatcg                                        445
```

<210> 246
<211> 169
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 246
tgcggccata attgttccta ttgccaaacc aagttctgtg ctcgatgtgg aggncgagtg   60
tccttacnct caaacaagct attgtctatt ggcatcttta ttcaccattc anaattaact   120
tgggnatggg tcccaaaagc tatganccta ttccaaaact tgaaggcca   169

<210> 247
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 247
tgaggtgatc cctgactaac agcgtcntca atgcntctgt cgcattcaag acatctgngg   60
ggtttctgnt ctttttaagt tttaacccnc tggnaggatg anggtttcgt cacacctgca   120
aacccgngcc gntcacggtt tctcaccgga gtggcttgnt tctagctctg gatctgtgac   180
tcatgcagaa acccaaatgg aatcatcttg cantagttga aagtgcttcc tctgaagata   240
ccaggttttc attgaggngg aagcaaggna cctgactctc aaggnnacan ngtgacccat   300
ttagaggcnt atgnntaatg tataccgnna atgctatnan gcctgtcgag atggcncanc   360
aatnaagagc actgactgct cttccagang tcctgagttn aattnccagn aaccacatag   420
tggctcacaa ccatctacaa tgtgatctga tgccctctt   459

<210> 248
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 248
ccgcccacca tgggagccct ggctgtnttg gagctcacag aaaaaccgcc aactntgncg   60
acccctactt aactctggtt aaaggtgtgc accaccatgc ccggctntnc acaganaatn   120
nttattctta gcatggtagg ctcttccttc tggatcattt tattcattnt actacacagn   180
anagntttta ctaaaagact ttttncccca tttaagaaaa aaaaa   225

<210> 249
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 249
actctcaaag agaaaaaggc tgtgctcacc aacntcctgn tgcgcctgcn gtcatccang   60
ggaggtagac aagagaacct ggagctttgg ggttaaattc ttttactgag gagggattaa   120
aagcacaaca ggggtggggg gtggnatggg gaaagnnnct caaggatgct gttcancatg   180
agccngacct ggatgtcnct catgatttgc gannttaant tactgcnntg acantnctca   240
cattgtgtcc tctaanaacc ggttaagccn ttgtananag ancagcacag ctggccatca   300
gagtcaccaa tcccaacgcc aggctacgca ncgaagaaaa tgagtagatg gcttgtgtgc   360
atgtttttat gtttaaataa aaatg   385

63

<210> 250
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 250
```
gagcctagca tggctgtctt ctgagaggtc taccagcagc tgactgagac agatgcacat      60
aattacggta cagataattg gactaaggtc aaggacccct attgaagagt taggaaaaag     120
gtcaaaggaa ctgaagggga tgaaaggagc taccccacat gaagaccaac agcagtgtca     180
actaacctgg acccctgaat actcccagaa acaacanggn nngaacatac atggacttat     240
tcaaggcctg tggcacatat ctagcagaga acttgagtat ccccagtggg agaggatgtg     300
cccagttctg tagagactat ataccaggta gatacctggg gaggtcaccc tctcagaggt     360
aaaatggagg gaagacagag tggggaattc tgggaggggg taatgggaga tggggcaata     420
tttgggatga                                                           430
```

<210> 251
<211> 351
<212> DNA
<213> Mus musculus

<400> 251
```
gactgagcgt tgttgcagcc agcacatgga agcaactcag gcgctcagga ggctgagagg      60
aggaagcagc gtggaggtgg ctgaggatgg agctcggtcg gtcggatgct tgcttcacag     120
acacaaaaca acccagggct gcagagatgg cccagtcttt aagaacattt ctgttcttcc     180
caaggacctg agtttggtgc cagaatccac agctggtggt ccgtaatagc ctgtaacttc     240
aacttcctgt cactccagct ccaggggatc caatgccctt tcctggcctt cctgagcacc     300
tgcatacaca tcacagacag acagacagac atataaataa aagtaaaaaa a              351
```

<210> 252
<211> 265
<212> DNA
<213> Mus musculus

<400> 252
```
aagaaagtct cgccaacaga tggaatgaaa tggaagagaa aatgtcaagt cttgaagaca      60
aagtagaaaa atggatcgat catccaaaga ctatgtgaac tataaattaa aaatctaggc     120
attcagggaa tctgggacag tatgaagaga ccaaatctat gaataattga tatagaggaa     180
ggagaagaaa ctcaagtgaa agccacagaa aatatctttt aacaaaaatc atagaataaa     240
aaatttcaaa tctaaagaaa aaaaa                                           265
```

<210> 253
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 253
```
agactgagga ggaattttct cagcaaacat catttaaaag gaaattaatg gcgaaaatgg      60
ggcattggga aaccatgggg gaggggggag actgagagaa tgagaatgaa taatggcaaa     120
ntaaataaat aaataaataa ataaaaa                                         147
```

<210> 254
<211> 498
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 254
gactgagaat ggcctacctg ctcctgtccg gctggcgaat cttaccacnt ctgnntcttc   60
tcccagagac ctcccccant cagatcagaa gtcccacctt ccntttgctg cccagctacc   120
agacattaaa tccttattan gncagaagca taancagnac nnatagncnc antncaccct   180
catactcagc nntnngctgg aacagaanta acaantgaat aacacaatng gcnaccttca   240
agtagtgcnc cccaacacac atgacaaggg tgctttgagt aggtttggcc tccatagatt   300
catgtattnc agtgcttggc cataggaatg gcactagtag gaggtatggt cttattgaag   360
aaggggtagc tttgttgaag gaagtgtctc actgtgggga tcagctttga agactcttat   420
gctcaagcaa tgcagaagac agtcccctag ctgccgtcag atcaagatgt agaactctta   480
gctcctccag caccatgt   498

<210> 255
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 255
tgtgggtctc cacggcacan ggctgagtgg ngctggacng ggnggngtgc tnagtccatg   60
tcaggacaca caggcacactg gtgcagcttc attctagact gaatcaccaa agagcaagca   120
cngggctgga cctaggcccc ctgcatatat atagcatgat gagccacttg atcttcatgc   180
aggtctccca aacaactgga ggngggctg tccctgagtc tgttgcctgc ttgtggatgc   240
tgcgcccta aatggacagn cttgtctggc ctgggtggga gaagatgtgc ctactnctcc   300
tgcagggact tgatgtgcag ggggcggggg tggggagtg acatttgana tgggggcttc   360
cccttctgtt tgagaagggg gatggggga   389

<210> 256
<211> 416
<212> DNA
<213> Mus musculus

<400> 256
gactgaggaa ggaaatgaag tgggctagtc ttgcgcaccg gactcgacca gcaagaacga   60
cgctgcaaca ggatccttct gcacacgttt attgggagag cttgattgca gaggcgaaaa   120
gaccctgagc ccagaactgg tgctgcttat ataggcctag gagaggcgtg tctcacaccc   180
ggattggtta tgcactatgc ctcatttgca tgttcctcat ctgattggct actctctctc   240
tctgtacctc acagagcctc gttatcatac ctcatttgca tgtctcacat ctgattggtt   300
atactctcaa agcctcatta tcatgcccgg gccaggcagt gtctttgcaa aaaactttac   360
tgcatatgta cacattggtt gttgtccaaa cttatgcgtg gggggccccca caaaat   416

<210> 257
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 257
ccatattaaa aatgcacatg gttaatcnga acaagggctg accattttga aggacctta   60

65

```
tttccttgat gctcccggtc tttgtctcca ccgtctatcg tgctctcatc gaatggctga    120
gctctgtgtg cgtcacgaag ggaattcacn tntcagcacc nacacagcan cttacanctg    180
cctgtaactc cagcttcana ggacccaaca ttctcttctg gcctccgagg ncatctgcac    240
ccgtccncca ccccgncnnc atgcatagcc aagattaaaa taaanctttt tttctttttt    300
aaaat                                                                305


<210> 258
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 258
gagttgctgc aaacagctct cctggngcca agggatgctc atctcatatt tgaatcatcc    60
cgaccctcac tgagcagaca gctcccagag taacactgac tcagagagaa ggaattcgag   120
tcacccggga tatttaaaat attctagtag ccacgtagtt taacagaaag aaaaaaa      177


<210> 259
<211> 173
<212> DNA
<213> Mus musculus

<400> 259
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct    60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg          173


<210> 260
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 260
agatctgtcc agaagganca gggccaacct gcaaagaaga tcagaccaca cagccgtcta    60
gaagaacaga aaccagctga gctatctgga agagctttag accaactgag acactgagga   120
ggacactctc cagcctgttg agctgcctgc aggctgtgca gtgtgctaca agttcccagc   180
gttgtgagct gtcacccatg ctggggtggg cctccgggat gcagctgtct ttgagtcatt   240
tctgctccga taagtaaccc ctcacccata ttcttccaag taaccccaat aaaactcatg   300
gcttaccaag t                                                        311


<210> 261
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 261
agtctcgaaa ttcgataagg tatcttgcna tatattcaga actctccctc ctagtgacng    60
caatgaattc gacccagaag aagatgaacc taccctaaaa                         100
```

66

<210> 262
<211> 210
<212> DNA
<213> Mus musculus

<400> 262
aggtacctga gaggaccaga agatggtgtc agatcctcgg gagctggaat tgctggcagt   60
tgtgtgttgc ctgacatcat gagtactaga aagttaactc aggtatctat ctataagagc   120
agtaagtgct cttaaccact gagcagtgtc tctaacccaa catgatagat ctgtatatat   180
aaatacatat agataggaaa ttaaaaaaaa   210

<210> 263
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 263
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgctac   180
cnnntntcca tgccgaanga gggggatcac anatagatat agaggtgaaa ataaagatct   240
cagttac   247

<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 264
gatgtcccag gctccggaca acctgcaagc cagagacgct acagaaactg gaaccanacc   60
ctggtncnct tccagaaaga nngatngatc gaaagaatga aagaaagaat ggcaaaaatt   120
aagggtcacc cnggggggctc caagcctatg ag   152

<210> 265
<211> 176
<212> DNA
<213> Mus musculus

<400> 265
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg   176

<210> 266
<211> 128
<212> DNA
<213> Mus musculus

<400> 266
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg   60
ggaggggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata   120
aataaaaa   128

67

```
<210> 267
<211> 426
<212> DNA
<213> Mus musculus

<400> 267
cccggaagca gaagagagaa gagattgaga agcggagctg caagttgtgt gtcaagcctt      60
ggccccacca tggactcctc cccgactctg ccccactgaa aacgtcacat ggttattta      120
gcaaatggac gttcaggtag accccctttc cagcccttat cccaggagcc cccacgagta     180
acatatgaga agcttctctg ttcctttctt aaaactaact tatgggctg  gagagatggc     240
tcagcggtta agcgcactga ctgctcttcc gaaggtcccg agttcaaatc ccagcaacca     300
catggtggct cacaaccctc cataatgata cctgatgcca ttttatggag tgtctggagt     360
cagctacggt gtacttaaga aataataaat aaaacttagg ggggaaaaaa accctaactt     420
aaaaaa                                                                426

<210> 268
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 268
ggctggagag atggctcagt ggttaanagc actgactgct cttccagagg tcctgagttc      60
aattcccagc aaccacatgg tggctcacaa ccatctgtaa tgggatctga tgccctcttc     120
tggtgtgtct gaagacagcg acagtgtact catataaata aaataaataa atatanntaa     180
aaagncnnan tnncatnctn nnannttnnt ggactcanct acagtttgcc tcccaaaatc     240
cagggtcaac actgcaccac tgaactgtgt cccccagggt accatcacag agaatggcaa     300
aaaatgagcc cacatatgca tgccaacaga gtctgatatt ataggcttgn tgttttggaa     360
tcttaacccc ctggatctg                                                 379

<210> 269
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 269
gccctgcaca cagacaaatg tatacattct tggagaagac taccttcttc caggtgatga      60
ccggggtggg cacagccttc acctcacagg aaaggaatac ttgagtccca gtgacattgt     120
gaatatctcg aggggggcatg aggaccacgg gagctggaag acaaaggaac aaccctgtga    180
tggtttgcat atgctcagcc cagggcttta agacgctcct cctggctgcc tgaagttagt     240
attcccctag cagcctgcag atgaagatgt agaactctca gctcctcctg caccatgcct     300
gcctggatgc tgccatgctc ccaccttgat gataatggac tgaacctctg aacctgtgaa     360
caattaaatg ctgnccttat aagaaaaaaa                                      390

<210> 270
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G
```

<400> 270
ccagcctgaa acctgctngc tcggcgngga ggcttcctgc tcattccttc tgncacgccg   60
actgntggaa cctgaggagc cacacacgtg cacctttcta ctggaccact anataatatc   120
ggcagggaaa tctgggttgc cctccccctt acttcataan tgggnagttt caacnataaa   180
atgaagagcc ttgatcagaa aggtaagana atgagggcca gntnaagatc gnnctgatcc   240
acggacacca agttattccg ngggagacaa tggctagctt agccctgctg   290

<210> 271
<211> 355
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 271
cgagcctggg ctagaggcca tanattactt cttgaggaac tctnanangn cgagacaggg   60
aaggcaaaga acaaagaccc naaggaaann ctgcagnctg tttatgagtg tatagagaaa   120
acgtgtgaga aacttggaca gctcaatatt gatatttcca acatcaaagg tatttttatt   180
gagaattttc ctctatagtc cagctctgcc aatcccattc atgaattcat tctttcagct   240
tataataatt gagtctttat aagctgcaag ccttttttggt ttttgtttgt ttgtttgttt   300
gtttgttggt gagactttgt gggaagaaca ataaacaaga ttctcagttc ccgtt   355

<210> 272
<211> 234
<212> DNA
<213> Mus musculus

<400> 272
agccaggctg gatgaagaaa acttgaagaa gattttccgg gaggttcaga taatgaagat   60
gctttgccat ccacacatca tcagactcta ccagaggtcc tgagttcaag tcccagcaac   120
catacaatgg ctcacaacca tctgtaatgg aatctgatgc cctcttctgc tgtgtgtgaa   180
gacacctaca gttactcata tatataaaat aaatattctt ttaaagaaaa aaaa   234

<210> 273
<211> 283
<212> DNA
<213> Mus musculus

<400> 273
cctggccctt cagaagtggc gccccgactt gtgcagcaag gtggcccaga tccatggcat   60
tggaggagat gtagtctccc ctcccccagc ctgaaacctg cttgctcggg gtggagcttc   120
ctgctcattc gttctaccac gcccactgct ggaacctgag gagccacaca cgtgcacctt   180
tctactggac cagagattat tcggcgggaa tcgggtcccc tcccccttcc ttcataacta   240
gtgtcgcaac aataaaattt gagccttgat cagaaaaaaa aaa   283

<210> 274
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 274
gaggcaccct aggatacatt tccacacagg ccttgtggat gcccatctct actgcctgaa   60
gaagnacgnt gtggatttnt taatggagaa tagcagaaca gncttcctaa atgaccancn   120
ncaccttana ncncanttcg caganactat ccccagctgg cnnaagncac gcctctggta   180
gagcacaagg aggatcaaat ccccaaacct gggattaaaa tgaangcaca ttcttatatt   240

69

aaaaaagaa   249

<210> 275
<211> 410
<212> DNA
<213> Mus musculus

<400> 275
actgaggtcc tactctcgct ctcccagcta ttcgtccaag tctggcaaag aggagcccac   60
ctagcagaag ctccaggtct cgtcgaagtc ccagctactc tcgctacagc cccagcaggg   120
aacgggacct aaagtatggt gagaaagaac cacagccccg agaacgtgcg cgcaggaggc   180
gacggtccta ctcacccatg aggaagcgca ggagagactc cccaagccac ctggaggctc   240
ggaggataac cagtgcccgc aaacgcccca tcccctacta ccgacccagc ccctcctcgt   300
ccagcagcct cagcagcgcc tcctcctggt acagcagcag cagcagcagc agcagcagta   360
gcagccgctc ccctagccgc agttactccc ggagccggag tccctggcct   410

<210> 276
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 276
ccaattgagg ccgacttggg ttgaggtaga gctcngggca tgaggccata attacntgtt   60
gtggaactct aannggtcgg acaggaagaa tcnatgcntt aaanaaagac atcnctncat   120
tgtgatttgt tcctgcccca ccctaactga tcaatcgacc ttgngacatt ccttccctgg   180
acaatgagtc tcatgatctc cccaccctgc accttgtgac ctccacttct gcccaaaaga   240
gataaccacg tttaactgtg cttttccact gcctacccaa atcctataaa actgccccgc   300
ccctattctc cctttgctga ctcctttttc gtactcagcc cgcctgcacc caggtgatta   360
aaaagcttta ttgctcacac aaaaaaaaa   389

<210> 277
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 277
tggtgggccc acctancacg cgtgcaaaan gctccncggg tgctcaactt nttctagtcc   60
caactgcgta cgtgcgaccc acggaggcaa taaatatcca   100

<210> 278
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 278
actgaggctc attctccacn aagtgctcac cngtctttgc gngggatgag agancacagc   60
gcngngnang ctnagagatt nttcatccnt cctcggaagt gctngancan catnttcagc   120
ttgtcttcct gcttgaccac gataagctac aggcagaagg cagatggtaa ggaagggcaa   180

70

```
atggtaagga agaacgcata cacgcgtatg ctccctcccc agcttccttc ctgatgacct       240
gacaagaaat ccaggactca gagcagggct actgcgctga gcataagagt acttgtctgg       300
agctggagag atgatggctc aatgggtaag agcactgact gctcttccga aggtcctgag       360
ttcaaatcct aacaaccaca tggnggctca ccaccatcct taatgaaaac tgatgccctc       420
tt                                                                      422


<210> 279
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 279
aggttgtctc ggagcaaagc tcagatacga ccctggaatt gatttacaga attgccagct        60
gcccaacatg gattcttgga accanacctt tagaattcaa caaacaaacn acccaggggg       120
ctggagagat ggctcagcac tcaagagcac tgactgctgc tcttccagag gtcctgagtt       180
caattcccag caaccacatg gtggttcaca accatctgta atgagttcca atgccctctt       240
ctggtgtgtc tgaagacagc gacataaaat gaataaatct ttttaaaaac ccaaaaaaaa       300
aaa                                                                     303


<210> 280
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 280
caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct gccttcctcc        60
tcctcccct cctcccccctt ctgcttcaga tttatttatt atatgtaagt acactgtagc       120
agttgtagga cacactagac gagggcacca gatctcattg tggggggcgct tctggataga       180
ggctgtggca gaagtttgac gggcccttnn tttgcttgca agggatggga tgtgggct         238


<210> 281
<211> 339
<212> DNA
<213> Mus musculus

<400> 281
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacagta        60
ttggaattgt tgaagaatat ggggactttt gaagttgtcc tggacatatg tttgcattat       120
aagatgacaa tgaaggctgc caggaaaact cagaaagtat tgtattacct tttgacttga       180
gttcaatccc caaagccaaa gtgtggaagg agagagctga ttcctgcaac ttcttctgac       240
ttctatagca ctcacatata tcgggcacat gcatgagtat gcacacacac acacacac        300
acacacagat cgaaaatagt tgtaataaaa aaaattaaa                              339


<210> 282
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G
```

<400> 282
gagcctctgg tgggcagtca caagcccacg gattccacca gtgaccccag gcctgctcac   60
atgagtgacg cgttcctccc catggccagc agcagagcgg actgaatgct gggtgacagg   120
ctggcctcag actccggtgc tcaaggatat tcttgcttca ggttcccaaa tagcactgca   180
cactgcacac gtgaatcccc atgcctgatg gtggatnnct gagttngagg ccannctggn   240
ntacanagtg agttccagga canncngngc tacacanatn aaccctatct tgaanaacac   300
attaacaaaa ctgacaaata aatgttatcc tttttaacag gtaatagaga atggccccan   360
ggggaccctg naaaagggac ttntaatcca tcaacatgga gcttgagtct tcttgggaag   420
aaaaaaa   427

<210> 283
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 283
ctgagggggac tggagagctg aaggagcgcc agcttctcca gaattggact tctcagaacc   60
tttaatatgc taatgtgcat tgtgaatctc caagatgggg atatgatatg cagcattctt   120
gaatacttct aatgacaggg agcccactac ctcataagta aacccagaca aacagagata   180
atttaacaga aaagaaacat atatcggggg ctggagagat ggctcagcan ttaagagcac   240
tgactgctct tccanaggtc ctgagttcaa ttcccagcaa ctgcatggtg actcacagcc   300
atctacaatg tgatctgatg ccctctt   327

<210> 284
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 284
agactgaggt atctgagcgt nngagtcaan ctggattggc aatngggtta gcatggactc   60
ccttgggtgg cannatnatg tttggggaan cangnttaat ggncggtgaa ngccaactan   120
cactgaccgg ncannttggg gacgtnntga aggantctgn ccatctnanc ntnagntgcn   180
ttgaaagcna tgcaaacaaa taccacctga ctaatgcttt tggaagtttt gatcttnttg   240
acaacacaga catcgtgaga tgccaggact tgnaaggnga angngngtnt cactcctggg   300
ccactgccaa ggcttangca tgaaaacttg acatgcggga ctggagagat ggcttantgg   360
ttaanagcac ttgctactct tgcaga   386

<210> 285
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 285
gactgagctt ccctgggccc ccgagatggc tgctcttctg ggcgtcccct cccctggccg   60
gggccgagga cactgctgct gcgcaagagt cttcaggatg gctttggttt caccctgcgc   120
cacttcatcg tgtacccacc cgagtcggcc gtgcactgca tcctgaagga ggaagagaat   180
ggaggccgag gaggaagagg aggaggagga ggaccctccc cacggcaccg cctggagccc   240
atggacacca tctttgtgaa gaatgtgaag gaatgtggcc ccgcccacag ggcggggctt   300

72

```
cgcacaggag accggctggt gaaggtgaat ggggagagca tcattgggaa gacctactcc     360
caggtcatag gtctgatcca aaaaaagnga cnacacccct ggactntnta ttatgcccaa     420
ggacgaagga catcctccag ctggccta                                        448


<210> 286
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 286
ccctcaaagc tcttgctcgc tctgngatga agattgggcg gatngaggat gtcacccccca      60
ttccctctga tagcactcga anaaaagggg gtcgtcgcgg                            100


<210> 287
<211> 268
<212> DNA
<213> Mus musculus

<400> 287
gcttaagttt aaaacactga ggagttggca tccattggaa gaccttgaga tcctctcagc       60
tcagaactcc aggaccgatg catcttccca ccaccttgaa gcactgaaac aacaagaaaa      120
gccgggcgtg gtggcgcacg cctttcatcc cagccatcgg gaggcagagg caggcggatt      180
tctgagttcg aggccagcct ggtctacaaa gtgagttcca ggacagccag ggctacacag      240
agaaaccctg tcttgaaaaa ccaaaaaa                                        268


<210> 288
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 288
agaactgaag cccctacgat acatttncca caggccttgt ggatgcccat ctntactgcc        60
tgaanaagta cgtngtggat ttcttaatgg agaatagnga acaggcttcc tacatgaccc      120
cancacctta cancacattn gnaganacta tcccnagctg gcataagtca cgccnctgct      180
tgagcacaag gcaagatcaa atccccaaac ctgggattaa aatgaaagca cattcttat       239


<210> 289
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 289
tacgacactc aaaccttggg ggttgcggnc tttggcnggn ttatggttga nnctgccntc        60
nncntcttnc tgntgtcanc attctccatg aaggagacgc cctctgaaaa aacccttgcc      120
aaccagcgca aggagatggc gaaaactcac caccagaaag gagagaagaa aaagaaggag      180
aaaccgtgg agaagaaagg aaagaccaag aaaaaaaaaa                            219


<210> 290
```
                                    73

<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 290
gaccatgaca tgagcagacn gtcggacagc tactaataac acctctgatg gaacgctttt   60
tgcaggatgt tctgcgacac cacccatata attaccaaga caacagatct gcaccaaatg   120
agccagaggc ggcggcagca gcggcagcag cagcagatcc tggatcacct gaagtggtgg   180
tggtttttgga tgattctgat gagaaggagg atgatactgc agatagcggt gcagagagga   240
actccgagga ttcaggatct gttgaagaga tagattatag acctggtact tctcaggaac   300
acgcagaagt tt   312

<210> 291
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 291
cgtcctggga gagagatcgc anaangagcc cgctcaagat ctcccacccg aagacgctcc   60
aggtctccaa gacgacatag atccacatct ccctcccctt ctcgactgaa agaaagaaga   120
gatgaggaaa agaaagaaac taaagaaata aagaacaaag ancggnggat cactgnggaa   180
gacctggagg gtaaaacaga gggcaccg   208

<210> 292
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 292
acaatctctc tccttaagga acttaatcac cctaatatcg gggggctgct ggatgtcatc   60
cacacagaaa ataagctttta tctggttttt gaatttctgc accaggacct caagaaattc   120
atggatgcct ctgctctcac gggcattcct cttcccctca tcaagggctg acaagatagc   180
tcagcaggta aaagagcctg gctncaagcc tgatgacctg atggcctgaa ctccacccccc   240
aggttccaca caagaagaac acggnacttc tgcaaattgn cctctgactt ccacacatgc   300
actgtggcat gcccctgccc gctctaaata caagaaa   337

<210> 293
<211> 417
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 293
actgaggtct gccctgctgc tgattcgtgt ttgctatccc agcactactg aactggactg   60

```
ctggtatatc gtggngtagc tgcaagtgga ttgagctgct gctgctgctg acctgtgaac    120
tgaacggctg atttcctgac aatgcagatt ggatttgctc caaagaacaa tttctaaaca    180
ggtctatttc ccctgtctcc caataacctt tcttttctac tacctctggt gggtgttggg    240
ttagaaggaa ggtcaaagca tttaagaaca attattaaaa ttagggctgg gaaaaatgta    300
agcatataca caatgcactg tggcatatat ggtcatgtga cacacatata catgtaataa    360
tcatgtgaca cacatataca tgtaataagt gaatatgntt tttttaatt aaaacag        417
```

<210> 294
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 294
```
tgatacacac aggcctntga ggaaattnta atatgttctg gaagctctaa agaaaagcaa     60
gagtgcctgg cagtggtgga ggacaccttt aatcccagca cttgggagga agaagcaggc    120
agatttctga gttcaagacc agcctggtct acagagtgag ttccaggaca gccagtctca    180
aaaaaaaaaa                                                          190
```

<210> 295
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 295
```
aaccctagat tcacggacat gccggaggag ttcaacatgg ncacacacga ctgtcacaga     60
cggcagattc tgaacctaca tcgtgagcgg aagatgtagc ctttctacag gacgcatcga    120
gatgcaaggc aataccgtgt catagaatgt cgtaccaccc aggacgaggg tgtccccggg    180
gccgaggagg acacggagcc agaccttcag caccagcttt cagaccccaa aacctgcgac    240
ttcttcatcc ccaacagccg cctgcgcagt atcaatatga gcctccgagc gccccctctt    300
cctcctactc gaactctcag gcccccagca ctcaggaggc agaggcataa agatctcctg    360
agtttaaggc caggtctaca gagtgaggtc caggatagcc agagccacgc ggtgaaaccc    420
tgtctcaaaa agaaccaaat taaaccaaat caaaccaaaa aaaa                      464
```

<210> 296
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 296
```
ctcttgtggc ctctctggac acagtatgcg catagtgcag agaaatacan cctgaaagct     60
ggncnnggtg gctgtatgcc tttaatccca gcacttgnga ggcagangca ggcagatttg    120
ngagttcang gncnncctgg tctacaaagt gagttccagg acagccagng ctatacngan    180
aaaccctgtg tcgaaancca gcatacatan nancgannga cnagaanaca gnttcaggat    240
tcttacntat aataantaaa tcttttnttc aaggatggaa ctccacccTT tacttgggtn    300
taagtatgta tggaatgttn tgataggaca tannaatagn ggncagatgt ggaaatggna    360
gggagacaaa tatacatgtg aaataaact                                      389
```

<210> 297
```

<211> 609
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 297
```
gagccttgct gacccaggct gnaacatcac tgaaaagttc caccccaaca tgatttacaa   60
ctntgaatgc ctgcgngngt ngnggcccct gnacagtacc gngcagncag cctacaccac   120
tcaatgnaag agtcctctcc tccattgctg gnccctgatc acatggctta aagctaatat   180
tnacctttgn ttcctacgcc aaccaaaggn gaatnccaca tctntgntca catcngggnn   240
nctactgaaa actgancctt caagcttact gaccgnaaag gatgacttat cggatatatg   300
aggaagacac attctgnntg agctctgcnt gcctcttcct tgtgtaactg gttcttnttg   360
aatatcattg natggagacg ccnccatgag cattcttcaa cttccagaca gggtttcctt   420
gannagctct agctatcctg gaactatatn tgtagnccaa ggaagcctcn aacccacagn   480
gatctgnccg cctctgcttt ctgacatgct aggaataaag acacatgcca ccactaccac   540
tcancactca aataatatat ccttcttccc cctgtaattc ctttccaact cccctcccat   600
ctgaatctt   609
```

<210> 298
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 298
```
tgagtgttag gagaattcat gcatccctgt gaagatgaca tcgtgtgtaa atgtaccacc   60
gaggagaaca aggtgcccta cttcaacgcc cctgtttact tagaaaacaa agagcaagtc   120
gggaaagtgg atgagatatt tggacagctt aaagattttt atttttcagt taagttgtca   180
gaaaacatga aggcatcttc ctttaaaaag ctacagaagt tctatataga cccatacaag   240
ctgctgccgc tgcagaggtt tctgcctcgt cctcctggng agaaaggacc tcccagaggt   300
ggcggcggng gcggcagggg aggtcgagga ggaggaagag gaggcggtgg ccgaggtggt   360
ggaagaggtg gtggttttag aggaggcaga ggaggaggtg ggggctt   407
```

<210> 299
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 299
```
acatgacctt gcaagttccn taggnggggg gccattatca tnatggcatt aantgcacag   60
naggatccag gcgggcatag ctgctggana ngctgagagt tcnatatctt gctctgaagg   120
ccaacannag atgtcttccg ntcaactagg nggagggnct ctggangccc ncccncacan   180
tgacatactt ccttcaacaa ggccacacct tccancagga gccncctcat tggcggagca   240
tantcaaacc accacaagaa gtcagactcc caccnanggg atgaggcata agcctctata   300
actgcatgag aaataaaaga cagaggccgg   330
```

<210> 300
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 300
ttgcctcctc actttcctgg gcattcctnc gagatctcct gcctctcaac cttngctagt    60
gctattctct gtgcctggga cgataccttt gactcatctt cgactgacct aatggagaga   120
gcttgggctt tggaggcaga gagacctggg ttcggatttt ggcttcacag cttattattt   180
ggacaagtcc tttggaaaag tatttaacat tctggagccc cagcttccta acctgtaaaa   240
atggagatga taacacctac cttgcagggt tgttgtaagg attaactgaa attatatatg   300
tatctaatgc aattaacata tagtcaataa atgacacgtc gctgtaaaaa aaaaaa       356

<210> 301
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 301
tgccaggccc actgctggan cctgtggagc cacacactgn gcaccttttt actggnccan    60
agattattng gccgggaatn tgggtcccct cnccnttcct tgataactgn nngnnagnag   120
cagnanaant ggagntttga tcacgaagan gatnangaaa gaggtatnca catggccctt   180
aggctaaagt cacacagcca gctcttgctg gctgtcaaag gctcttgatt ttctctcaga   240
gcattttatt tcactttgat ttggggggaaa caaaagtgga ggtacaatca atccttgctg   300
attgtgaagg tcaaaaaaaa aaa                                           323

<210> 302
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 302
gactgagtat tactgcgact atcaaaagta ggntgttgac atgggagaca cccgggcggg    60
caccaaggct ggattncatc acggcatgga atgagcctca ccaaggcttt tgaaaatgtc   120
cttccgnnct ggagagatgg ctcannggtt aagataaaca ccaacaactt ttccagaggt   180
cctganttca aatcccanta accacatggn ggctcacaac catntgnaat agggtctgat   240
gccttcttct ggtgtgtctg aagagagcaa tggtgtactc atatacatta aataaataaa   300
tcatttaaaa aaaagaa                                                  317

<210> 303
<211> 175
<212> DNA
<213> Mus musculus

<400> 303
gtagtagctg gcaaccctgt ggaccttggc gacctaatgc taacagctct gacagactag    60
tgctaacaac ttagcaacaa agcatcaaga agcctggggt ggcaggggat gggcctcccc   120
cctttataag agcagactct tagtaaactt tgggccatga ttggaaaaaa aaaaa        175

<210> 304
<211> 261
<212> DNA
<213> Mus musculus

77

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 304
cttcttgtgg aaatctgaan ncacggacgg gnaacactgc ctggtctcca tancaggaac          60
tacagccagg tcctctgaaa gagcagccag tgctcttaac ccccaagcca tctctccagc         120
ctgagagtgc gtgttcttat catgagaaga caaacagcag tggagttggc aagctgcctc         180
agtgggtaaa ggtacttgct gcaaggcttg cagcctgatt tcgattccca gaacccagag         240
aatagaagtc cgaaaaccaa c                                                    261

<210> 305
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 305
tccttctctt aggaggctng cttcactggg gcccctnag nnagggngtt gaaaccctct          60
gnaccccatt atttcntttn ncatncnctt tnatgcttct nttcggaaca gtcagcggna         120
gtngaaacct tnttccattn ggtcctcgtg gcaanggcag agattgctcc agcagctcca         180
cacagtatgc aagacatctt ttataattnt tgnttttga aatggggnct cactgnatag         240
ctttggctta cctgtaacat tctcttgctt ttacctcctg agtgctggga taaaaggcat         300
gnaccaccta tactcaagaa ta                                                   322

<210> 306
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 306
actgagggca ggtgagatgg ctcagcannt ataacagntt gttgcacaag cctcaggacc          60
tgagttcaat tcccagaacc catggaaaag atggaaggag agagctgact tgacaaaact         120
gtcttctgac cactgtacac ggactggagc cacggactgc attgtacagg aaaataataa         180
caatttgtat gaaaaaaaaa a                                                    201

<210> 307
<211> 200
<212> DNA
<213> Mus musculus

<400> 307
gttggatctc ctggaaacat gaatcacaga aaggtgtgag ctgccattcg ggtcccagga          60
actacagcca ggtcctctga aagagcagcc agtgctctta accccaagc catctctcca         120
gcctgagagt gcgtgttctt atcatgagaa gacaaacagc agtggagttg gcaagctgcc         180
tcagtgggta aaggtacttg                                                     200

<210> 308
<211> 247
<212> DNA
<213> Mus musculus

<400> 308

78

```
gactgagaat gttggcttcc agagcgctga gcctgattgg caaagagagc catttctact      60
tcggtgtgcc ttcgagcaca tggtgagcag gactttcact cccttccctg ccctttctt      120
tctcctccct ttggttttc atgacaggt ttctctgcat ggctctggct gccttggagc       180
gcagagactt aacctgcctc tgactcccat gttctgggat taaagatgtg caccgcaaaa      240
aaaaaaa                                                                247


<210> 309
<211> 185
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 309
agtttaactc tctggagacc ttcttgcaac aggagacaaa ggtggcagag ttgttatttt      60
ccagcgggaa caagagcacc cacatggcgg ctcacaacca tgagatctga cgctcttctg      120
gtgtgtctga anacagctac agngtactta catataataa taaataaatg tttaaaaaat      180
aaaaa                                                                  185


<210> 310
<211> 183
<212> DNA
<213> Mus musculus

<400> 310
ggacggtgtg gaaaacaaga acagagagat atgccaagga atgctgacca taatcagaag      60
ctaaaagagg caaagaacag tctctctcct agagcctcca gaggggcctc aatatcttga      120
ttgcagactt ctgggctcca aaattttgag aagaataaat tcctcttgtt ttaaaaaaaa      180
aaa                                                                    183


<210> 311
<211> 601
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 311
actgagggag gagtacgtag tatcccntct ccntggtcng ctacctnntt gataggaant      60
ggnnntgann gntgattnca cctgncncnc tnantggggn aacctgngga gccanncacn      120
tgcnnctttc tactgnacca gagattattn ggnggnaatc gngtcccctc ccccttcctt      180
nataantgan gnagcancaa tnaaatttga gccttganca gaagntaaaa naacacttgn      240
tgctgangag ggactgtnnt ccantgaatg ccnangtcac agagtttaga aatgcgactt      300
tcagctcatt ccttccattg ttggacaagg atcccctgcc ccaggacttc tctgtgaaga      360
tggctccact cttcaaggac ttcatgacca cctataaccg gacttatgaa tcaagggaag      420
aagcccagng gcgattgact gtctttgcaa gaaatatgat acgagcacag aagattcagg      480
ccctggaccg cggcacagct cagtatggga tcaccaagnt cagtgacctc acagaggagg      540
aattccacac catctacctg aatcccctct tacagangga gtctggcagg aagatgagtc      600
c                                                                      601


<210> 312
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

79

<222> (1)...(322)
<223> n = A,T,C or G

<400> 312
cagtgtggac ttcccacgca ctgcngatgg tgacctgnct ggcnctgtgc acnctnaact   60
gcnggaccat nactttnagc cantgaggcc tggngaaccc atnttcaagc ttttcancgg   120
agaanacgtn ctgtatgang gggactccat tgngtaccct gtgtgnatta ntgaggcnag   180
ccantnnnga acatncctcc atggcctntg catcagctcc tgctccctga cctgcttgag   240
ttccagtcct gacttccttt ggtgatgaac agcagcatgg aagtgtaagc cgaataaacc   300
ctttcctccc caaaaaaaaa aa   322

<210> 313
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 313
gagcctttgt tctctaggct caaggtgctc cagtgagtga dacaagcgag cgaaaaagca   60
gctccagaag gcctactcaa gaaaagaaga cctgggctgg tgagatggct cagtgggtaa   120
gagcacccga ctgctcttcc gaaggtccga agttcaaatc ccagcaacca catggnggct   180
cacaaccacc cataatgcga tctgatgccc tcttctggta gctctcttca cacagtgtac   240
ttacatataa taaataaata aataaataaa taaatcttaa aaaaaaaaa   289

<210> 314
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 314
gcagaggcct ggctgtctct gttggtacgn gccactgctg ctgattcctg tctgctgtcc   60
tgactctatg gacctggact gctggtgtac ccatgaagtg tttgtgagta gacggagctg   120
ccactgctga cctctaaacg aaactgccga tttccagaca acacaaatgg gagttgctcc   180
aaagaacctt tctaaacagg tccacttgcc ccatatcctt tctttgccac tacctctggt   240
agatggtggg ctaaaagatg ttaaaacatt taagaaccat cattaaaaat agatttaaaa   300
taattaaaat gac   313

<210> 315
<211> 441
<212> DNA
<213> Mus musculus

<400> 315
atggagcaac tatccgatga agagattgac catggtgctg acaaggaaga tcaggacctg   60
gataaaatgt ttggggcctg gcttggagaa tccagctcca gcattaaatc cggatccagt   120
tcttccagta tcccggagtc tcagtcaaac cactctaatc agtctgacag cggagtgtct   180
gacaccctgc caactggaca tatccgttcc caaagtaccg tgagctccat cttctcggaa   240
gcctggaagc gaggcactca gctggaagag tccagcaaga ggaccagagt tcaattccca   300
gcaccctcgt cgggcaactc aaaaccacct ataactccag ctccaaagga tccaatgtcc   360
tcttctggcc tccaaggcac ctgaacatgt gtggcataca tacacttaaa taaataaaag   420
tagattttta aagaaaaaaa a   441

<210> 316
<211> 294

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 316
```
gctgccatgg cgtcacgcat cgggctgcgc atgcagctca tgcgggagca ggcccagcag      60
gaggagcagc tgagagcgca tgcagcagca ggctgtcatg cattatatgc aacagcagca     120
gcagcagcag cagcagctgg gtgggccccc cacccccagcc ntcaccnccc ctgtacacccc   180
cnanacntnc ctntntgngc ctntnggctt ctctgtgctn ngtgaccccc aaatgatggg     240
aaacagtttt cttgtttaaa gaacagtaaa gccattctat atacaaaaaa aggg          294
```

<210> 317
<211> 219
<212> DNA
<213> Mus musculus

<400> 317
```
cccaagtcct gccttcatgc caccatgctc cccactatga taagtggact acacctatga      60
aaatgtgagc aagcccccagt aaaatgtctt ctttggttgt ggctcataat catctgtaat    120
gggatatgat ggactcttct ggtgtgtctg gggacagcaa caatgtactc atacaatcaa     180
tcaatcaatc aatcaataaa taaataaatg cagattcag                           219
```

<210> 318
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 318
```
aactgggaaa cgtaggtctg aatggagatg ggctgcagac cgagcagcta ttgtcagccc      60
gctggaactg gcttcaggcc catgtttctg acttggaata tcgaattcgt cagcaaacag     120
atatttacaa acagatacgt gctaataaga tatttgtgct tggaatatag cctggatcat     180
ctgcaagagc agtaattgca cttaaccccct gagccgtctc tccacactgc atgctgtgtt    240
ttaaactgtt agtatggggc tggtgaggta atttagtggg ttagcgtgct tgctgccaac     300
caagcatgat gacccaaatt gaatcttcag gacttccatg ggtggaaagt gactcatgtg     360
agttgncctc tggtgtactt atangcatgg ggcgtgcaca tgccnacata aataaaggga     420
aaataaaatt taatctttc ctatcttac                                       449
```

<210> 319
<211> 424
<212> DNA
<213> Mus musculus

<400> 319
```
tgaatcgacc agttttgaga ggagaagatg gggacaaagc ggctcctcct cctatgtcac      60
gcacagctgt ctgggattcc tatgccacca ccacctatgg gacttccccc tctacagcct     120
cctccaccac ctccaccacc tccaccaggc cttggccttg gctttcctat ggctcaccca     180
ccaaatctgg ggcccccacc acctcttcga gtgggtgagc ctgtggcgct gtcagaagaa     240
gaacggctga agctggcaca gcagcaggca gctttgctga tgcagcaaga ggagcgtgcc     300
aagcaggcag ctgtgttaat ggagcaggaa cggcagcagg agatcgccaa gatgggcact     360
gcagtccctc ggccgcctca ggatatgggg cagctgggtg tccgtactcc tctggggcct     420
cgcg                                                                  424
```

<210> 320
<211> 558
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 320
tgagcatctt gccaaagtcc aggcactccc tacacccagg gacagctcca gagaagcaac   60
ctccagatgc tccaacctcc tgggncggnc ncagacactt caactggact tgttccttct   120
gatctatcca cagaccctgg acagcaagga aagagccaac tcctaagact gaacaaactc   180
ccccatatcc attcttctag gttccctaga gacacatggc cccaaagcca gcaggaagtn   240
ggcagatatc acaatgaccc tatttctgct tcaccatcac ccctttctaa tcttttcctt   300
tttaattctg gctaagctcc gccccacagt tacctggcaa caggcaggtg tgcctgaccc   360
actataaaaa ggggccgctt gcccctcct ccctgtcttg ctcctctctt gctctcttgc   420
tttctgctac ccttcccccc accccccacc cccaanccc gngctcatgg tcaagcctct   480
tctctacttc tctctctntc tctctccctn tntctgnctt tctttgctnt actaccctct   540
aaactcccat ccccatgt   558

<210> 321
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 321
gactgagggc ccacctgtct ggaaatggat cgttcttact gaacttcgca ggctgcgcag   60
tgtgcagtaa gcgggacttt atgctgatca caaacagatc cctgaaagag gaagatggag   120
aagaaatagt tacctatgac catctgtgta agaactgtca tcatgtagta gccagacacc   180
gagtatacat tcagcatcat ggatgaattt caggaatata ccatgctgtg tctgttgtgt   240
ggcaaagctg aagatactat cagtattctc cctgatgacc cccggcagat gactctgctg   300
ttctaagcct cccgtggttc tcttgtaact gtgttggctt ggtttaaaat agagcaagcc   360
tagggctgga gagatggctc agtgggtaag agcacccgac tgctcttccg aaggtccgaa   420
gttcaaatcc cagcaaccac atggnggctc acaaccatct gtaacaagat ctgactcctt   480
cttctggag   489

<210> 322
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 322
tgaggagctg gtgagatggc tcagcagtta aaagcactga ctgctcttct gaaagtcctg   60
agttcaaatc ccagcaagca catggtggct cacaaccatc tgtaatgaga tctgacacac   120
tcttgtggtg tgtctgaaga cagctacact gtacttattt gtaatcataa ataaatcctg   180
ggccggccgg agctagtgga gtgtaccaga gcgagcagaa gtcctaaatt caattcccag   240
caagctgatg aagcttcggt acagctacag tatgtactca tctacataaa ataaatgatt   300
aaattcttaa aataaataaa taaatctgat tctattatna aaatttgcta ctacagntta   360
aacttctaat ggactctnga tcttagtgcc ttattgggat aaatactttg cacagatttt   420
tntncctttg gnagctatgt ctcatttc   448

<210> 323
<211> 360

<212> DNA
<213> Mus musculus

<400> 323
gtggacatcg aggccctgtg ggtggcccta cagcgtggaa gggatgaccg agctttggga   60
catgtcctgg aaacctaagg tgctggagct agaagagact tgatagcact tcagagacca   120
tcaggctgtt tcgtggaact tccaccaaag agatgcagaa atggagactc cagagctgga   180
gagagagaga tgactcaact gttaaaagca ctgactgctc ttccagaggt cctgagttca   240
attcccagca accacatggt ggctcacaat tatctgtaat ggggatctga tgccctcctc   300
tggtgtgtct gaagacagtg atggtgtact gacatatatg aagtaaataa gtaaattaat   360

<210> 324
<211> 530
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 324
atctgaggac cccggcgaga cgcagnggcc gccaagagct tcatcttgga catgtatgcg   60
cgcgtgtacg cgagctgcgc agagccccag gacggtggca ggaaaggctc ccgcgcgcgc   120
cgcttcttcg cacacttcac ctgtgccacg gacacgcaaa gcgtccgcag cgtgttcaag   180
gacgtgcggg actcggtgct ggcccggtac ctggacgaga tcaacctgct gtgacgcggg   240
acagggaacc ccaagcgcga cgcggtcgtg gcgaggacat acctccccct ggtggccgcg   300
cgtggaactg caggtccagg agctgccaag tggggaagcc agcccacagg gagagagtcc   360
ctgcttccta ctgggccccc aagcccagct ccctgtaat ttattccctc gcccttcttc   420
tagtttgttg gagaaaggac atgagccggg tctttaaccc cagcgctccg gaggcagagg   480
caggaggatt ttctgtgagt tccaggacca tgttttcaaa aacaaacaaa   530

<210> 325
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 325
agactgaggc tgtttccctt gcaatttgtg cagttgtttg tgcatgatga gagccgncag   60
cagctcaagg tcaagttccg aactggccgc gccttctact tgcaactgcg ctctcctnca   120
gagacccgcg actgcgagtt tgnccgctgg ntgcggntgc tctaccgcct gcgattccac   180
tcgcccacct gcgcagtgcc cttcacgcac gaggacactg ctgcctgang aagaggagga   240
ggaggaggng gaggagggtc anaantcagg cgagatgagg gaggacagcc ctcagtggca   300
tcacagggtc aggatggngg ctgtttacac agngctttct gctttccagg   350

<210> 326
<211> 315
<212> DNA
<213> Mus musculus

<400> 326
cccccтccaa ggaaacagcc cacctggaaa cctcctcctt ggaatggtgt agcctcccat   60
aagcctgaag caggctgagc caggcttgac tttgttgcca ctaaggagat cacctggggt   120
ggagcctgcc tccctggatc actctattgt tctgccactg ccactgctgc cacctgctgc   180
ctagctgttc tggagcctac acgtggtcac ttgcagctgg gctccaagaa tgatttggcc   240
gggaatgggc tttcccctct cctttataaa gcgtgtccgc cattaaaaat ttgaaccttg   300
atcagaaaaa aaaaa   315

83

```
<210> 327
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 327
gaactgagga agaagatgag cctgaagtcc naacgcaggg gaattcatgt ggatcaatnt      60
gagctcctgt gcaagaaagg atgcggttac tacggcaacc ctgcctggca gggtttntgc     120
tccaagngct ggagggagga gtaccacaag gcccggcccg aggcagatcc aagaggactg     180
ggaactggca gaacggatat ttgatcacac tgtgaacctc angattgggn tatttactga     240
aantaactgg tgggctggca agatggctca ccctgtaana gtactgatcg ntctttctga     300
acatcctgag ttcaaagccc ttgcaaccac ccgtaatgag atctgacgcc ctcttctgga     360
gtgtcagaaa acagctgnag ngnacttatg tataataatt aaaaaaattt taaaaaaaaa     420
aa                                                                    422

<210> 328
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 328
tgaggtgggg tctttcattg tcagcgctca tttccctgct gnaagcttgg cgnagccggn      60
nanagctgcg gggtgaacat tgagaggnac cggcatagca tccgctccgg ctcctcacgg     120
agaagatggc cgagggcgag cggcagccgc cgccaggtcc ggagttcaaa tcccagcaac     180
cacatggtgg ctcacaacca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa     240
gacagctaca gtgtacttac atataataaa taaataaatc tttaaaaaaa aaaa          294

<210> 329
<211> 460
<212> DNA
<213> Mus musculus

<400> 329
aactgaggct ggcattgaac ttgctatgta gctgagatgg ccatgaactc atgatcttct      60
tgcctcttcc tcccaagtgc ctgggttaca ggcctgtgct actatgccca gtttgtgtag     120
tgctgaaggt caaattcagc atttccccgc ccgagaggct agcactgtgc caactgattt     180
gcatcgccag ccacaaagtg aagctggagc cctgcgtcag aagtctagtt ttataggcaa     240
ctgtcctgtg atgtcagcgg tgcagcgcgt gtgccacctt atttagctaa gcagatcgtg     300
tacttcattg ggatgctgaa ggagatgaat gggcttcgag tgaatgtggc agttaaacat     360
accttcattt tttggacttg catatttagc tgtttgaaca gagttgtttc ctttctgaat     420
ttcaaagata agactgctgc agccccatca caatatccag                          460

<210> 330
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 330
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```
aactgaggtg aagcatggct aaaagcctgc ggagtaagtg gaagaggaag atgcgggccg      60
agaagagaaa gaagaatgcg ccaagggagc tcaacagact gaagagtatc ctcagagtgg     120
acggggatgc tctaatgaaa gacgttgagg agatagcaac cgtggtggta gccaaacctc     180
gccaggagaa aatgcagtgt gaggaagggc nggtgtgacg gcgcagatga ggaaaaggat     240
gacatgaaaa tggaaactga aattaagaga aacagaaaga ctcttctaga ccagcatggc     300
cagtacccag tgtggatgaa ccagaggcaa agaaaaagac tgaaggccaa gagagaaaag     360
aaacgaggga aaagcagagc aaaggccgcg aagggcctgg cctggtagac cttaaagact     420
ggcaagggag acaggcgtgg tggtgcaccc ctttcatccc agcactcaag aggtggaggc     480
aggtggatct ctgtg                                                      495

<210> 331
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 331
gttgatggga acaaacacag agacccacag ctgcacantg tgcagagact gagaaacctt      60
ggaactcgca gncctaaatg ggatgtgtcc atnagatntc tcntgctann gactcaggga     120
actctggcag aaagactgta ggagccaacg agnatgaana ctgccacacc acctccngtn     180
agatctgngt gacangttcc acagactgag gcgattgacc tcaaaagggg gaggcctcat     240
ggacccagtt gtggaactct tcggcggagg aaaaatattg agccgtagnt ctcatggcaa     300
tatatctgtt ttgnttnctn ttattccttt tcttatttac atgtncctgg nagctgaggc     360
caaggtctta agcgagaata atgggtanta aaccatccnt anagatgggg ccactancat     420
gancttctnc ccagggaatc aaagc                                           445

<210> 332
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 332
actgagccta aattgtatag atctgtgatt gaagatgtta ttaatgacgt acgagnacat      60
ttttctggat gacggagtgg atgaacaagt cctgatggaa ctaaaaactt tgtgggagaa     120
taaactaatg cagtctaggg cagtagatgg atttcattca gaagaacagc agcttttgtt     180
gcaagttcag cagcagcatc aaccccagca gcagcagcat caccaccacc accaccagca     240
ccagcaagcg caacctcagc aaacggtacc tcagcaagca cagacccagc aggtcctcat     300
tcctgcatcc cagcaaggtg agaaggctgg aggtccctgt tgtgccttac aagttacact     360
tgtcttttga aagtaaaaaa aa                                              382

<210> 333
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 333
tcatctacaa ccacatcacc ttctncatca tgatcctcta cctnactgaa gctgantcca      60
cagtgctgcc tgatccaana ttgtcatcgg aggaggctga accgtttcac cccntgcggg     120
nganactccc aggcngnact catcgtanct ggnaccccat cggggatatg ccaaacacac     180
```

85

```
tggcagttct cctcaaacgt gacaccagca gncttcaccc agcannaaga ccaagcagcg    240
ccactccaga acgcagagcc ccctccaggc cttctcccag attacctgat tttgattnaa    300
ctttgggaag gggnatctgt ctaaaanaaa atcntccatt tcatctagat tttccagttt    360
tggcnaatat aggctttat aa                                              382
```

```
<210> 334
<211> 222
<212> DNA
<213> Mus musculus
```

```
<400> 334
cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat tcaattttcg     60
ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg tagaccaggc    120
tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat taaaggcgtg    180
ccgccatcac gccagcaaat aaataaatct taaaaaaaaa aa                       222
```

```
<210> 335
<211> 100
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G
```

```
<400> 335
ggaactcact gcgtanatng ggctggcctt aaactcactg anattngtct ttntcctgcc     60
tgctgaaatt aaagtngngc gtcaccctga aaaaaaaaa                           100
```

```
<210> 336
<211> 100
<212> DNA
<213> Mus musculus
```

```
<400> 336
tgaacaagaa gatgtccacg tccaagagga aagccaggat gggcaagagg aagaagtcac     60
ctgttgaaga tgttggacag agagagtcag aaaaaaaaaa                          100
```

```
<210> 337
<211> 483
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G
```

```
<400> 337
actcctctga gagacttgca gcagttggat ttagccgggg caccgtgtga gcagtgacgg     60
atggctttac ttcatgaatg tgtttgagaa tctgaagcag ttagtgtttt ttgactttag    120
cactgaggag ttcttaccgg atgcagcact ggtgaggaaa cttagtcaag tgttatccaa    180
gttaactctt ctgcaagagg taaagctcac gggctgggag tttgatgact atgatattag    240
cgctattaaa ggcacctttta aactagngac tgcttaatgc acctgtgcca ccaaatactc    300
caggactccc tcacttccag caaatcatta aaagctacgc agaagtgggg ccacagagct    360
ggctcagagg ttaagagcac tggctgctct tccagaggac ctgggattga ttcgcaccac    420
ctacaaggtg gctcacaacc atctgtaact ccagttccag ggggatccaa cattttctga    480
tct                                                                  483
```

```
<210> 338
<211> 406
<212> DNA
```

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 338
```
gattcttcga cttcacatcc acagctgccc attgttgggt tagctggact acaaattggc      60
actgtctcca gtccgctgtc ccttcctaac agaggcacct gttcctggtg gcacagttcc     120
tggtggcatt cagagtgcca gggaaagcaa caggaggagg aagaggggag caggtctgag     180
aagcagaagc gcatctggtg gtgaccatcg ctaggaagag aaggaggcaa ggatcggncc     240
aggagaaatg atgtccaaag tcaaacnagt catacaagat ctcactgtgg agaaagacaa     300
aggngggggag gcctccagac ncagtgaaga anaatcccac cttctggaaa gaggnanaga     360
ccaagaatcc tggaggttat gtcaanggga aagtcaggcc gacttg                     406
```

<210> 339
<211> 253
<212> DNA
<213> Mus musculus

<400> 339
```
tttgagccct gaggcctggt gaacccatct tcaagctttt cagcggagaa gacgtactgt      60
atgaggggga ctccattgtg taccctgtgt tcattaatga ggcaagccag taaagaacat     120
ccctccatgg cctctgcatc agctcctgct ccctgacctg cttgagttcc agtcctgact     180
tcctttggtg atgaacagca gcatggaagt gtaagccgaa taaacccttt cctccccaac     240
ttaaaaaaaa aaa                                                         253
```

<210> 340
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 340
```
tgagtggcag cccagcagca gcagcagcag cagtgggagc aggaacagca gtaacaacag      60
caacagcagc acagccgcct cagagctttg gctcctgagc cccctgtggg ctgaaggcat     120
tgcaggtagc ccatggtctc agaagaagtg tgcagatggg attaccgtcc acgtggagat     180
atggaagagg accagggatt ggcactgtga ccatggtcag ctgggggcgc ttcatctgcc     240
tggtcttggt caccatggca accttgtccc tggcccggcc ctccttcagt ttagttgagg     300
ataccacttt agaaccagaa gatgccatct catntggaga tgattgagga cgacacagat     360
agctccgaag acgttgtca                                                   379
```

<210> 341
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 341
```
tatgctagtc actctcctaa ctgtaaatca acactaagag cactagaagg ttaaaggtca      60
aggagactct cacaaaggat ccaggaatct ccagattgat ttccagaatg gttgaccagt     120
ttgcaattcc acaagcaatg gaggagtggt cctctttctc cacatcctgg ccagcaagtg     180
ctngtcacct gagtttttga tcttanccat tctgattggn ggaaggtgga atctcantgt     240
tgctttgatt tatattttc tngatcacta aagactttga acatttcttt tgaaaaaaaa     300
```

aaa   303

<210> 342
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 342
gactgagtac cgttccccag ctgaagagtt ctgaatccac gccggatcct tctcaacagt   60
ctgttttacg ggaacctttа ttaaccactc cttccccgtg atgcagttct gaatcctccc   120
tgtagcaggg ggtcttcgct cgtgcctgaa agatgtttct tgtcccgggt ctcagcacca   180
cttgttgcac gcgcccccaa ctcgccagca agaacgacgc tgctacagga tccttctgca   240
cacgtttatt cagtcctatt tctttcttgt ntatatctcc cttgtttata tctcccctgn   300
ttatatcttc cttgtttata tctcccaata ataacaatcc tctctcgaat aataatcctc   360
cctctaagaa aagaaa   376

<210> 343
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 343
tatctcacac cacagctatg caatacctag gaanangata ctgatcgcct ggaactangg   60
aaacaagtgc ganagntnng ctnanngtaa atntacttan gnctanagga nccctcgggc   120
gagctatacc tggactcctt ggtggngatg acagacgaca ggctgattgg ntgctagcca   180
ggaccacnct tctccttgtg ctggttctnc tccaaactgc nacttaatgc acctgcaatg   240
aaaanggccc cacaccagta accagatgct gcantgagcc gntttatttt gctattacaa   300
ctgggcanat nagacaattt taagccangt ggnggngatn tatgtctttg attctagcac   360
tcaggaggca gaggcaggtg gatctattga gttagaggcc agcctggtct atagagtgag   420
ttccaggaca gtcctgtgtt   440

<210> 344
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 344
ttgctagggg tggagcttcc tgctcattcg ttctaccgcg cnnactggtg gancctgagg   60
agccacacac gtncaccttt gtnctggann aganattatt cangagggaa tcgggncccc   120
tcccccttcc ttnataanna gttgncctnn cannngantn nganccttga tcagantact   180
nacanaaaga aagactgntn gnnnaaaaat ggctgttacc ttgagaagaa ttttggatgc   240
ccaggctggt gaanaaggga ctgacantgg accatcttcc tagaactccc anctaaatac   300
ttnaggacac atcttntgga atgnatttna cttttgaggg ggagggagaa attgacttat   360
tgattcctaa attctttgca ggatcagaan gncngccttt gttacagagt naacacagaa   420
ccaacact   428

<210> 345
<211> 325

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 345
gactgagatt gacaattgcc tttttttgcac tctctgggct ggatatgctg gactccttgg   60
atgtggtgaa caaagacgat ataatagagt ggatctactc cctgcaggtt cttcccacag   120
aagacagtga actanataat nnggtgcttg ctcanagnna tnnattgnat ggatnncacn   180
accnnnaatg gnggagccan agaaagnagc caangngctg aaggngtctg cntccctata   240
ggtcnaacag anagtgcnaa ctaaccanta cccncanagc tngtgtatct agctgnatat   300
gtancaaang atggcctagt cggcc   325

<210> 346
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 346
agactgccct ttggtattca aacgggagcc gctttggact gactggctgc cttcctcctc   60
ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac actgtagcag   120
ttgtaggaca cactanacga gggcaccaga tctcattgtg ggnggttgag tacnnccnng   180
catngcngnt agggncgatn ggnactcagg gataanannn ntgactagct cttggctntn   240
anccggaana tacantatgt gcnggctant gcacttcata tattaaggca atgaatgatc   300
cnntcatggn acgacagtct gccctccctc cttttttgagc cattttcccct ctttcaccat   360
atactcaata aaataagtaa atgaaaaaaa a   391

<210> 347
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 347
gactgaggat aacgcgtatg gagtgaaact ccccnctgca gggttgcctg ttagcttcct   60
gaggtctcag cggagatatg gactgtggga gtgacacttc anggactggg aggctgtggc   120
cttgctggca gaagtgcatc acagggacag gcccagtagt ttctctccag tctcctctcc   180
agcactactt ccgtcttcct gccacaatgt tccctgaaat gaagataatg aactgaacct   240
tagaaattgt aagccagccc caattaaatg tttccattta tttaaaaaaa aaaa   294

<210> 348
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 348

```
actgaggtga tgtacaactt tttgacctcc agaaaagctc acagcaaacc cacagtttct    60
ataacacaaa cccaagatgg aagtcctgtc tactgtctcg agtttaacag ccagcagaca   120
cagctcttag ccgctggtga tgctaagggc atggtcaaag tgtggcagct gagcacagcc   180
ttnacagaac aagggccccg ggaggtggag gacttggatc agntanaanc agaaatcact   240
acctgagggc tggtgagatg gctcagcggg taagagcact gactactctt ctgaaggtcc   300
tgagttcaaa tcccagcaac cacatggtgg ctcacaacca accgtaatga gatctgatgc   360
cctcttctgg tgtgnttgaa gacagctaca gtgtacttac atataataaa taaatctttt   420
taaaaaaaaa aa                                                        432

<210> 349
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 349
cctttattaa ccgctccttn ccangatgca gntntgaatc ctccctgtaa nnataggggt    60
ctttgctcgt gcctgaagat gttncttgtc ccgggtttcn gcaccacttn ttgcgcgcgc   120
tcgactggcc angaagaacg acgcttcaac aggatccttn tgcncactgt ttattgngag   180
agcttnattg tanaggcnaa aagacttttt gcccagagct ggcgctgctt ttataggcct   240
aggagaggcg tgnctcatac cctgattggn tatgcactaa gcctcatttg catgttcctc   300
atctgattgg ctactctctc tcagtacctc acagagcctc attatcatat cncattngna   360
tgtctcacat ccaattggct actntattag naccttacag aanctgatta tcatgcctgg   420
gccaagcagt gtttttgcaa aanncttttc ctgcatatgt at                      462

<210> 350
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 350
aagagcccac tcccacccgc tcaacacaac cctccacatc agcatgttcg aagtggtcca    60
agagcactcc aacagggagt ctgacttgtt cttttttggat cttcagacag ctccgatctg   120
gggacgaggg ctggctggtg ctggacatca cagcagccag tgaccgatgg ctgctgaacc   180
atcacaagga cctgggactc cgnctctatg tggaaaccgc ggatgggagg gagatgtagt   240
ctcccctccc ccagcctgna acctngcttg ctcggggngg agcttnctgc tnattcgttc   300
tgncacgccc actgctggaa cctgaggagc cacac                              335

<210> 351
<211> 262
<212> DNA
<213> Mus musculus

<400> 351
agatgggccg agagctgggg ggtgcgccca gacgcctcgc cagccaccag tctgagttgg    60
tctttcgaag cagtaggaac ctgtcacctt cagccagaga cacctgccgg ccatctgccc   120
cagtgtcctg agttcaaatc ccagcaacca catgatgact cacaaccacc tgtaatgaga   180
tctgatgcac tcttctggca catctgaaga cagctacaat gtacttacat ataataaata   240
gataaatatt gaaaaaaaaa aa                                             262

<210> 352
<211> 161
<212> DNA
<213> Mus musculus
```

90

<400> 352

```
tggcccaacc aaagtctttt ggataaagca ccacaatgga caatgtaagg aaggcagcca      60
aacgcttacg cttcccaagg cacagatctt tcccagcatg ggaaagatcc tccctccctc     120
cctccctccc tccctccttc caccatacac tttattaaaa t                        161
```

<210> 353
<211> 526
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 353

```
gactgagtgg ataatcttcc tgtcctacac ctgaccaagg catcccctaa aagccccagg      60
gaggctggac catggtacaa gaactgcctt catccatcac cgtgagcaag tgtggaagag     120
atgcatcaat gtttggnnag ncatagccca cttntggctt accataggcc atgngctacc     180
gancctgntt ngggcatctn ttgaatggct gcttattgca gtntgtgcct tcatattncc     240
acaaancata ttatcgnnat ccatttttat ngtaaaactc aagggtgtac canaaaccta     300
atttatccct aatagctngg cttgatttta caaacctgct ntcagcaccg acctcatttg     360
cttttatctg aagctcagga aagttaggaa aaggntgaat tgattcgtta atatgtagga     420
catgtanccg ggcgtggtgg ctcacgcctt taatcccagc actccanagg cagaggcggn     480
cggattnctg agttcnaggc cagcctggtc tacagagtga gttcca                   526
```

<210> 354
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 354

```
gcccaagtgg atgcagganc ccgggcagcc agaangggtt ggtatctcct ggaancatga      60
atnacataaa ggtgtgagcn gccatncngg ncccagganc tacagccagg tcctctgaaa     120
gagcngacnn tgctnttaac ccccaagcca tntntccagn ctgagagtgc tgnnntctta     180
tcatganaag acaaacagca gtggagttgg caagctgcct cagtgggtaa aggtacttgc     240
tgccaaggct tgcagcctga tttcgattcc cagaacccag agaatagaag tcgaaaacca     300
aaagaaaaaa a                                                         311
```

<210> 355
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 355

```
tgaggtgacc cgaatggagc tgtggcccgg ggccnggacg gcgctgctgc tgctgctgct      60
cctgctgctg nccaccctgt ggttctgcag ctccagtgcc aagtatttct ttaagatggc     120
cttctacaac ggctggatcc tcttcctggc gatcctcgca atccccgtgt gtgctgtgcg     180
agggcgcaat gtcgagaaca tgaaaaaaaa aa                                   212
```

<210> 356
<211> 233
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 356
tgaggcattt tgtgaaagaa ggaagatcct gtctgctgca tggataatgg actggaacac   60
agaaagacca tgcagggttc ggctgtagaa ggccggtatc tccanaggcc agaagacacc   120
atcagatctc ctgngactgg agttatagag gttgtgagct gccatgttga accaancagg   180
tnactgaggg acacaggcat gtggatggaa accctgctgg agaaaaaaa aaa   233

<210> 357
<211> 225
<212> DNA
<213> Mus musculus

<400> 357
agagttctga atccacgcca gatccttctc aacagtctgt tttacgggaa cactttatta   60
accgctcctt cccagtgatg cagttctgaa tcctccctgt agcaggggt cttcgctcat   120
gcctgaagat gtttcttgtc ccgggtttcg gcaccacttc ttgcgcgcgc ccaactggcc   180
aggaagaacg acgctgcaac aggatccttc tgcacaaaaa aaaaa   225

<210> 358
<211> 305
<212> DNA
<213> Mus musculus

<400> 358
aagggcattc agatctggga gaagtggccc cagaagtaaa accttcagac agccaaacat   60
ctgtggcaat tgcagatttg gaatggagag aaatggaagg agatgactgc gggttccatt   120
atggagatgg tacaaacgag gctcaggaca atgacttccc cacaggtcct gagttcagaa   180
atcctggcaa ccacatggtg gctcacaacc atccttaatg agatctgacg ccctcttctg   240
gtgcatctga agacagctac agtgtactta gatataatag taaataaatt atttaaaaaa   300
aaaaa   305

<210> 359
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 359
actgagtgca tggagctgtt tgagaagaca gaggatgtgc ccttgttgga ggagatgtgt   60
ccctggggga aggtcttgaa acttcaaatg cccactcact ccattctcag cacctctctt   120
cctcatgtct atgaatcagg atgggaagtt ctcagctact gctctagcat catacctgcc   180
tgccagatgc cgtgctccct gccatggatg gtcatgaact cacccttaa aactgnaagc   240
cctcaataaa gtctttcttc tacaaaaaaa aaa   273

<210> 360
<211> 231
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 360
tgcaggctgg ttagaatgaa caggacacgc ccacacccac agtactgtac cttnatattc   60
tcgccatcca gaaggtctat gaagccatca tcctcatcgg acaaagtggc ttttacaggg   120
tttcttcctg gagccgtgac tgtcctggac ctcagtctgt acaccatgct gcccttgncc   180
acctgcctgt ctcccaagtg ctgggattaa agatgtgcaa cccccacaaa t   231

<210> 361
<211> 231
<212> DNA
<213> Mus musculus

<400> 361
agcatgaaat cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat   60
tcaattttcg ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg   120
tagaccaggc tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat   180
taaaggcgtg cgccatcacg ccagcaaata aataaatctt aaaaaaaaaa a   231

<210> 362
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 362
tcggctttgg gatgggttgc gacggaggca ccatccccaa naggcacgag ctggtgaagg   60
ggccgaanaa ggtcgagaag gaggccagaa gaaagcatcg gaccccccggg agctggagct   120
acaggttttt gtgagccatt aatcttggct gttagaacca aattcggatc ctttggaaga   180
gcagtacaca ggcttaacca cggagccatc tntccagcct gaactttgtg tattaaagtc   240
tccccaaacc attcccccctt gtgaagtcac acccttntta aactatatna gctcttagca   300
ctctgaattg gtggttgagc ccagctgatg gtcacgtgac tgcaagctcc tcctggtgaa   360
ctctgtgcac tgnttttctt ncagaactag cacagtttct gccacagtga atattttttga   420
ataaatgcgt gggcnttctg taaatcttac aaaaaaaaaa   460

<210> 363
<211> 100
<212> DNA
<213> Mus musculus

<400> 363
cctcattggc tctagtggct cctccccgag ccggaccagc ccggagtccc tctacagtga   60
cagctccaat ggcagcttcc agtccctgac tcaaggttgt   100

<210> 364
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 364
tattgattct gcctcccaac aagacaanct gaggaagtga tgagccacgn agccgnngac   60
ccttanagtt ttagatgngc ggatcccttc atgtatactt tacagaaaac catgntaagc   120
cgggcgtggt ggcgcacgcc tttagnccca ncactctgga ggcagaggca ggcggatttc   180
tacaaagtga ggccagnctg gtctacaaag ngagttccag gacagcccca gggctataca   240
gagaaaccct gtctcaaaaa aaaaaa   266

<210> 365
<211> 520
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 365
tgacgggaat ttgaacccccc atggccccga tgacagcatc attgtacttg atgatgacga   60
tgaagatgaa gctggtgntc aaccagggcc ctccaaccta cccccccaatc ctgcctcaac   120
aggacctggt cctggcctgt ctcaacaggc cactggtctc tccgagcccc gtgtggatgg   180
agggagcagt aactccggta gtaggaagtg ctacaagttg gataatgaga agctctttga   240
agaggtaagc tttttgagata aaagggtcgc cctttgtggc ccatgctggc cttgaactca   300
cagagctttt acttgcctca gcctcctgac agctaggatt aaaaatgtga accactgggc   360
aggagagatg gttcagcggt taagagcatt gagcatccag aagtcctgag ttcaattacc   420
accaaccaca tgatggcgtg gctcacagcc gtctgtaata ggatcttgat gccctcttct   480
ggtgtatctg aagacagcta cagtgtactc atatatagaa   520

<210> 366
<211> 346
<212> DNA
<213> Mus musculus

<400> 366
caggcggtgc taaatttttgt ctgttacagc ctcggccatt agaagctggg gcaagctttt   60
ctgcctactt aactctgatt ttatttattt gttatatgta agtacactgt agctgtcttc   120
agacactcca gaagagggag tcagatctca ttacagatgg ttgtgagcca ccatgtggtt   180
gctggggatt tgaactctgg accttcggaa gaacagtcgg gtgctcttac ccactgagcc   240
atctcaccag ccccatatat gtcattttc tgttcccaca ttctctgtaa gattattgtc   300
ataagttaaa atctgaatta aagcatttga atgtcaaaaa aaaaaa   346

<210> 367
<211> 487
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 367
ctgaggttga gaacatttcc aagctctgac tacaacatta aacctcagaa tggaagagat   60
gggaagtcgc atcgaggact tacagagaaa cgtggatgac ctcatgactc aggccgggat   120
cgagaattct atcaaagaac cagcgacctg aanatgttaa acngagtcac gtgggattgc   180
taaaacaaaa actacaccat acgtctgagt aataataatc tatgcagtat gaattntgat   240
gttcatttaa attttttttg gacacttaaa attaaacccca gggcctaaac tataggcaag   300
tggctaccaa cgagctatac cctaacccac tgaaaactaa aattcacttt aacaaatgaa   360
gaacaaagct gggccataat ggcacatgcc ttcaacccca gcacttgggt ggcagaggca   420
tgcagccagt ctggcctaca gagggagttc caggacagcc agggctacac agagaaaccc   480
tgtcaaa   487

<210> 368
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)

94

<223> n = A,T,C or G

<400> 368
gcacctctgg aggtggaagg aagaggatca ngaagttcaa ggccattctc agctatgttg   60
gcagttcaag accagccgga gcttcatgaa accctgtttt aaaattaatg aaataaaata   120
ataaaataaa acaagattta aaaaaaaaaa   150

<210> 369
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 369
ttccaaagtc tgaccaatca ttgcaccagt cgagctgaca nccagtgctg gctgtttgcc   60
tgtaccacta ttaaaaaata attcagttta aaaaaaaaaa   100

<210> 370
<211> 394
<212> DNA
<213> Mus musculus

<400> 370
aacagcggac acccagagag ctaaatgtct cctaccggct aagacaagga aacccactca   60
gatcgacctc tcgtggatca aacagactct atccaggtaa gtacacctgc caatcactaa   120
gttcctgtag gaggctgtag cctccccttt aggctgcccg agctgcacct taaagatggc   180
gcctgccaga tgcagagctg gtggtgtaaa caagtccata ttcggtggag acgtgcccct   240
gccgccctga ttggctgaag ccatgtacct ggtgaggtga cgtggcctgc cgtgagtgga   300
tgggggctga gagtatataa gagtgagagg cccggggttc gagggagatg aagactgaaa   360
atggctgaat aaactgctga tagaagaaaa aaaa   394

<210> 371
<211> 321
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 371
aacatcttac ctccaagaac tgcttcagac gtatgaaaga gcccatctgg nctgagctng   60
tgatggcttc aattctatnt agngganaga cngagagact tgtgantacn tcctntgagg   120
aatctcaaca ctccatcang ngangctcac tggttaacan caccgactgn tcttccaaag   180
gccctnagtt caaatcccag caaccacgng ggggctcac aaccatncgt aatgagatnt   240
gacnccctct tntggngtnt ttgaagacag cgacagtgtn ctcactataa taataataaa   300
taagtcttaa aaaaacgaaa a   321

<210> 372
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 372

```
tcacctgtag gctgtcttca caacacntcc agaacaggga gtcanatctc attacngatg     60
gntgtgagcc accatgtggt tgctgggatt tgaactctgg accttcngaa gaacagtcgg    120
gtgctcttac ccactgagcc atctcaccag ccccatatat gtcattttc  tgttcccaca    180
ttctctgtaa gattattgtc ataagttaaa angggaatt  aaagcatttg aatgtcaaaa    240
aaaaaaa                                                             247
```

<210> 373
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 373

```
gctaaggcag ttacattcgg agttccgcgg actcttcaga ggctgtaaaa atgccggagt     60
cacgaaagcc tgcaaagagc tgttgcttgc cttgctgctg ctgctgctac tgccgtccct    120
gcccgtgctg cagctgctac tcctgctgct gctgctgctg cttgttgctg attgttgcgg    180
ttgctggttg ctgtttactg tttgctgccg gctggagngc tggattgctg attgccagtc    240
ggcgaaatcc tggcgatgaa gatccaactt gccccaagaa acaagacgac cctaagaagt    300
agtctaatga tttcaatacg ccctttcccc ctctgacctt tctctcttac cttatgctgg    360
gggattggaa gggtggcana aaaaagaacc caataaagta                         400
```

<210> 374
<211> 259
<212> DNA
<213> Mus musculus

<400> 374

```
aactgaggat cggctcctgg agcaggacag cctctgtggc ctcactggcg ctgctttggt     60
ttctgggact tccgtggacc tggagcgcgg cggcggcgtt ctgtgtgtac agtgggtggc    120
ggcggctggc gctttctgcg tatcgtctgc aagacggcga ggcgagacct ctttggcctc    180
gaactcagaa atcctcctga ctctgcctct gcttcccaag tgctgggatt aaagacgtgc    240
gccaccacca aaaaaaaaa                                                259
```

<210> 375
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 375

```
catgatggtt gtgagccacc atgtggttgc tgggatttga actctggacc ttcggaagag     60
cagttgggtg ctcttaccac tgagccatct caccagcccc tcaacagatt tctgatcngt    120
gagaaaagac tggaacatag atgctttctc tcctacggcc tgaccttcag ggtgacaacc    180
atctctgaac tgaccgggaa aaaaa                                         205
```

<210> 376
<211> 275
<212> DNA
<213> Mus musculus

<400> 376

```
agcacgacag agtcacctgg gagaaagaca tctggagcac atcgatttga ggtgggaaga     60
tcagcccact gtgggtggca ccatcctgta ggctgggaaa ctgcattgtg ttaaatgaag    120
aaaggatctg agcagcaatg cgctcatcgt tgtttcctga ttgtgggcaa ccagctgctc    180
```

96

caagctcctg ctactctgac gacttcccca ctgtgatgga ttctaacctt gaaccatgaa   240
ccagaataaa ccctttctcc cttcaaaaaa aaaaa   275

<210> 377
<211> 182
<212> DNA
<213> Mus musculus

<400> 377
aacgacagga aaagacctgt ggtatatgaa actttgttga caagagagga tccagagact   60
ttaaaagcaa aactctgctg ggcatggtga ctcctgtctg taattccagc acttggcagc   120
ccaaggcaga tggaggagga tcagagttca gaaagtgaag caaattaatg gaaaaaaaaa   180
aa   182

<210> 378
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 378
tgtcttgcat cgtggttata gaccaaggga ataaacaag atcttataaa taggctgcag   60
gcctatcttg aagaccatgc agaagaagaa gcanatgaag angatgtact gggagatgan   120
actgaggaag aagaaccann gcccatanaa ctgcctgtta aagaggaaga ncctcctgaa   180
naggctgttg atatggcatc ggaaaagaag gtggt   215

<210> 379
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 379
catggcttcc tgtgcgtgct tggcaactng acagnaatct anagtcatct gngaagaggg   60
aacctnaatt ganaaaatgc ctccaccaca ccggactaag nggcnagan catctacctg   120
ctgctgctgc tggcgacggc ancancanca gcnttgtttg ctatcatcag agcccacctt   180
ctttggcctt ncaatgtgag ctaaagacca gnagntctcc agaaagtgtn tncaagnttg   240
ggggncnagn ctggggntgg tggngngcnn aagctggtgg gggggggngg ntgggggggg   300
gggggggggg tgcgg   315

<210> 380
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 380
aaatggcaat tcagcaagct gataaactgn angaanaaac acactgatct tcantgtcgc   60
gnaggttctc aaggccattg gtttacagag aactggcaag cacagaagta aagtggaaaa   120
tggctttaca agttatgttt ggccttaaat tttttctagt gttagaagcc cttttgttcc   180
ttttcacatg ttatatagtg cttaagatag ggnngaaaat tctagaggaa attcaggaca   240

97

```
gtctatcaga agtaaagcgg ggagagagag taggagcaag gagaaacggt aagtatacag      300
gcctttccaa gggtcttgaa cccgaggaaa agttaaggtc aggtaggaat acctggggag      360
agattagaag gaagaaaaag aaaa                                             384
```

<210> 381
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 381
```
gggaaaaggg gacggttttc tgaagttatg aagatgcaga gnctgagaga tgggganttac       60
tatgcgtgca nacaaatgaa gcagcacttt gaaagtattg                             100
```

<210> 382
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 382
```
gactgaggat gtcctaactt caggnatgga aggaaggaaa catgatgcca tattgaagag        60
gttttgtctt tgtttcaatg ggagaagaag agctacggat accatcaaat taataaagat      120
tagatttggc caggggagac ctcctgaaaa tcttggctac agacatgaag gaaaaaattc      180
aagaagacca aaaaaaaaa                                                    199
```

<210> 383
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 383
```
agacacccgg gcgggcacca aggctggatt ccatcacggc atggaatgag cctcaccaag        60
gctttttgaaa atgtccttcc gggctggaga gatggctcag tggttaagat aaacaccaac      120
aactttttcca gaggtcctga gttcaaatcc cagtaaccac atggtggctc acaaccatct      180
gcaatagggt ctgatgcctt cttntggtgt gtntgaagag agcaatggtg tact            234
```

<210> 384
<211> 214
<212> DNA
<213> Mus musculus

<400> 384
```
ctcctgtctg ctgatggata atggactgga acacagaaag accatgcagg gttcggctgt        60
agaaggccgg tatctccaga ggccagaaga caccatcaga tctcctggga ctggagttat      120
agaggttgtg agctgccatg ttgaaccaag caggtcactg agggacacag gcatgtggat      180
ggaaaccctg ctgggagaaa aaagaaactg gtga                                  214
```

<210> 385
<211> 100

98

<212> DNA
<213> Mus musculus

<400> 385
aagactccct cacagttgtt tttgaaaata attggcaacc agaacgccag gttccgttta   60
atgaagtgcg attaccacca ccacctgata taaaaaaaaa   100

<210> 386
<211> 334
<212> DNA
<213> Mus musculus

<400> 386
gcgggaattg acaggaggac tacgccgcaa gggataggcc cagaatagca accaggaaac   60
aaaatctcat catggccaat gtccaccagg aaaacgaaga gatggagcag cccctgcaga   120
atggacagga agaccgccct gtgggaggag gtgagggcca ccagcctgct gcaaacaaca   180
acaacaacaa ccacaaccat aaccacaacc accaccgaag aggccaggct cgccgacttg   240
cccctaactt ccgatgggcc attcccaaca ggcagatgaa tgacgggttg ggtggagatg   300
ggagatgata tggaaatgtt catggaggag atga   334

<210> 387
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 387
aatggtgacg aggctcccta aagcagcctc gaccatccac agacagcctc acgttttct   60
cctacttttt ccttatgctt ttaaatggca gactcgccgg gcgtggnggc gcacgccttt   120
aatccca   127

<210> 388
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 388
ggcaaacttc atgtgcangc tgatacacat aggcctctga ggaaatttgt antatgtcct   60
ggaagctcta aagaaaagca agagtgccgg gcagnggtgg aggacacctt taatcccagc   120
acttgggagg aagaagcagg nngatttctg ngttcaagac cagnctgggc tacaagagtg   180
agtccaggac agccagtct   199

<210> 389
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 389
ccttcaagtc tgctatggaa ttgaaagtga cctggagctt ccggtccttt ctacctcccc   60

```
ggtgctggga tggcagaagt gtgtccgcct gcgcattant catggttagg aataaaaccc    120
agggcttcaa gcatgcttgg cagatgttct gccaactgag acacancccc agtccccaaa    180
ccacatagtt ntgaaataca ggtcacattn aaaaataaat caacctggga tggacgg        237
```

<210> 390
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

```
<400> 390
ccctccaaga gctgagatca caagaatgta ccaccataag cggttttgtg tgtgtgttgg     60
agagatggtt canaacttaa gagcatatgt tggtcttcta gaggatagga attcatttcc    120
cagaacccaa gccaggtggc tcacaaccac atgtaactct aaccccccaa gatccagtat    180
ctcggcctct tcagacacct ttactcacat gcacatatca acacttaaat gcacataatt    240
taatttattt ccaggaagaa aaagttccta aaaatcaaga cacctgctca ccaga          295
```

<210> 391
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

```
<400> 391
agtgtgtatc atgcggttat tgtcatcttt ttggagtttt ttgcttgggg actactgaca     60
gcacccacat tggtgaacaa tgttctagga cagccaggga gacacagaga aaccctatct    120
tgnagaaagg aaggaaggaa gaaaaa                                          146
```

<210> 392
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

```
<400> 392
gactgagagt tgtgctgaag acaacagaca cctccatgac aacccaaagt atcacagagg     60
aaatgaaaag ctgtggactc attcanagtt aattaagatt aggtatgacc atggaagact    120
tgtgtatgac catggaagac ttctagagaa tcttgactgg tgatgtggaa aaagagaccc    180
agaagaacaa aaa                                                        193
```

<210> 393
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 393

100
```

```
ccattcttgc ccaggagaga gcgaggtcct ggacctggag agtgagctgt acctgggcgg      60
tctncccgag gggggacgag tggacctgcc actgcccct gaggtgagga cagctgctct      120
ccgggctggc tacgtgggct gtgtgagaga cctcttcatc gatggacgga gtcanagatc      180
tccggggcct ggctgaggcc caggggggctg tgggcgttgc tcctttctgc tcccgggaga      240
ccctgaagca gtgtgcgtcg gccccttgtn gaaacggggg catctgtcga gagggctgga      300
accggttcgt ctgtgactgc atcggaaccg gctttctggg tcgggtctgc gagagagagg      360
ccacggtctt aagctatgac ggntccatgt acatgaagat catgctgccc actgcgatgc      420
acacggaagc agaggatgng nccttacgct tcatgtntna naggcatat ggactcatga      480
tggc                                                                  484
```

<210> 394
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

```
<400> 394
agatgtggtg gtagtaggcg gttatgaaac tatctgcaag gaccgtctga tgggccagtg      60
tggcccagcg tctnaactac cnanntggca aaancattgg ntccttgcta cgctctcact      120
atgaacgcat tgtttatncc tatgaaatgt accagtctgg gagccaa                   167
```

<210> 395
<211> 298
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```
<400> 395
actgacaaca gcccttctgg ggacagtgac tgctacatga actacaggag tgtcgaccag      60
gactctcagc ccgtctattg caacctggag tccctggggc gatgaggaga gtgtggtctc      120
ctggcgctga accagcctcc aacagccccc aggatccagc acgctcaaca tcacagggggg     180
tagaggacac cccacccccac ccagagcaga aggagggtga gaaacaaccc tccggtcagn     240
gngcatgcat gtgatgctca ataaaagctc tgggagcagc tgactctaaa aaaaaaaa       298
```

<210> 396
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

```
<400> 396
gactgagctt tttcctgcaa tacagtggnt acagtttgct gtggctactc tgagtgttat      60
aggctccagn tcactcctca cctacatcgc gttccagagc ccacagaagt ctgcagagat      120
aaagccactc ttgtatctga gcttctctga cctgctcctg ggaatttgct ggctcgtaaa      180
ggcacttctc tatggaactg cagcagccca caaggacagc atctgctata acctacagac      240
cgtggggggag nttnttctac nttgnctcac tcctctanac ngcannctac antgnggcgc     300
naggttntna nangnngang aagacagagc ngnctnagtc gtagatggag cacttgtnga      360
nccaggtgac agattatgtt atg                                             383
```

<210> 397
<211> 126
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 397
ggtgatgccg ggaggcccccc cagccctcaa tcagccaatc ctcatcccct tcaacatggn   60
gggacagcta ggtggtcagc aaggcctggn cctcacactg cccaccgnga atctcacaaa   120
catcca   126

<210> 398
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 398
aagtggcaag gagagactca ggagttttgc cccaatgngn gggnggtgct ggttggctgt   60
aagctggaca tgcggactga cctggccaca ctgagggagc tanccaagca gagactcatc   120
cctgncacac atgagcaggg nactgggctg gccaagcaag   160

<210> 399
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 399
tgtagccact gaggaccagc aaaaacacct gtccaaggca gcacagctgg gaccagaanc   60
aagtcccca ttgtctactc tnctgtgccc atctgcttct gctcagtccc ctagaccttg   120
gaacagaggg tcccgcactc acacaggcca tgattgaagc tgaagcgaag agattcctga   180
gacctgctcc accagcagtc agaagactcc acccgagaga cgggccccag gcccgntccg   240
acctttttaa ctggatcaga cccgggccct gcacttcnna ttgaaggatg aagactgctg   300
naggtcaccg ccctgcggaa ngctgagncc tgtgatgtgt gngaaangta tcctacgtgg   360
cagagaag   368

<210> 400
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 400
gcgacgcaca ctgctcanca nctatgaggt gttccagtta ctaacggatc tcaaagagca   60
gccggagggn gagtgggaag aaacaagcat acccctctgc aaccaaaact aaaaccgccn   120
tcaccttatg agacccttaa agnccttatc aaaacccccc tcgtgggnnc ccagagncca   180
gcggatttgt cccaa   195

<210> 401
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 401
gaactgattt gggaaggnca atgtgatcct atcagtacat aaggaagccc cctgctcatg   60
tcttccacag tggccngngg tgggnntgcc aacatcttgg attacaagag cctccgtgag   120
atcgtggtga accaccagta ttcanctggc tgttttcact acaagtgccc tgctgangtg   180
ncggnggnan aagncaaaat nnnntcctta acnagatatg tgaaaataac tg   232

<210> 402
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 402
ccgctgatag agcagcanaa gaatatncag angnccaact tgatgpantcn ngcaaggctn   60
acaggcctca gagcaaggga tgacgggggng nctgatctgc taaatgaggc aangcagana   120
ctcagtnggg gtggtaaaag atacnacccc ncnaccaagn gctgctggat gggctgg   177

<210> 403
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 403
gactgaggca taatagtgga tccttgatgt ggaagacgtc cttaccagct ttgacaacac   60
aggaaatgtt tgnatgtnct ntgctcagna tgaantatat ccactagctt tatcaaacca   120
aaaaaatata taaaagganc ttnntntgtg gnacccaggg ggtggncttg acatgcncgg   180
caaggantca tagcttgtta ttt   203

<210> 404
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 404
aactgaggtg gtgggncttc tcttgcctaa ccagancgct ggcatccact gtcttctggc   60
agtgnctgaa ccagagccat aangnctgng gnaactatgc aaaccgcatt gctaccaagc   120
cttcacctgc atccaagttc atccagggct acctggncgc tgtcatcagt gctgtttcca   180
ttgctatngg gncaatatcc tctccctgac ngagcagggg gtccttacnc caaaatacca   240
tgggggggg   248

```
<210> 405
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 405
ttacaggaga attagaatat gctacgaaaa tctccaggtt ttcaaatgtc tatcatcttt        60
ccattcatat ttcaaaaaac tttggagcag atacgacgaa gatcttttat attggcctgc       120
ggggagagtg gactgagctt cgccggcatg aggngggnnt ctgcanctat gaagcgtnag       180
ccaacccagc agaccaccgg gtgcnttnag gtcacccnc acacacactt tnntttctta       240
agggccagcc ggggctccct nanatgcgct gttagngaaa atgngcgacc acctgctggg       300
gaaggacaga ggatgctcca                                                    320

<210> 406
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 406
actgaggatc caaactactg gatacaggtg catcgcttgg agcatggaga tggagggatt        60
ctagacctgg atgacatcct ntgtgacgtt gctgatgaca aagacagaat acacctgcca       120
gatgattaaa atgngcctaa tttantcagc atgggtactt gtncaccaga gatantttna       180
agctaatgtc angngacntc ttcntctatc ctgcanaaaa tgctaaaanc attgaacaga       240
gcngggnnnc actttcaaaa aaatgtttgn aagctnccct nggcttnccc cccaagngga       300
tatttaaaan cccncccccc ccccnttttc ttttccttttt ngttntgcaa nttaatnntg       360
atantccgtt ctgnaaatgg naccatgggg ccttaaaatt tttaataaaa c                411

<210> 407
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 407
ccactggtca tatgaaggtg nnattgnaac tgcacatgga ttgtcactcc tttcacccca        60
ggacctccgc acctggcatg aagacttgtc ctgggggagg gaaagagctt ttcctgagct       120
tcacccacta gctcctcttt ttctccctac acacacagac cctggggctt acacaagtgg       180
ctgctagacc ctgctgtaat cattaaatcc cacatctcct gattcagcaa aaaaaaaa        238

<210> 408
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G
```

<400> 408

```
agagaccgca caggaaaaga agctaccgct tggncaanct ctaccttgaa caactcaggc      60
ngcaagagga gganaaggct gaagcccgtg cattcnagga ggatcaggng gccgngcgct     120
tgaaggagga tgtgctg                                                     137
```

<210> 409
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 409

```
tctctccttt attgcctact agtnntttaa attggacttt taatatccta ccagcgtgct      60
cttcagacac acatggtgca ttgctgccat tcccgggatt gcatctttga gacacacact     120
cttaggagcc ttcagcaaac aaagaggcca cctcccggta cggctaccgg ggagggagng     180
atcctgaccg ccctctagcc ttggccagct ctggatatga atcctaccat ggaaccgaga     240
ntggagtcct gtctggccca ggtgctgcaa gaaggatgtg ggaaancagg ttgcnggttg     300
accaggaact catagactat ttctcagaca gacnagaaag tccggctgac cttgagcacn     360
accaanaccc tngttnggat aagctttgag natgggactc cgntancttc ttggggtgaa     420
ctcta                                                                  425
```

<210> 410
<211> 196
<212> DNA
<213> Mus musculus

<400> 410

```
gagaagctcg aagcggtctg ggggcctctc cgctacagtc tgcccgatcc ctgccaggca      60
acgccccttg cctcaagcac ttcccgcttg acctgcgcac gtctatggat ggcaaatgca     120
aggagatcgc tgaggagttg ttcagccgct cactggctga gagtgagctt cgtagcgccc     180
cttatgagtt cccaga                                                      196
```

<210> 411
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 411

```
ggcctgtccc agaagttcct ctgnngacca ggctggcctc ggactcagag atccacctgc      60
ctacnctgag aattgttaaa atggacggtg ctacacagga agagaccatt ccagtatgga     120
ctggccattg gaaaggacgg cacagtatct ggactgttct gtgtcctnag gatgctgcgg     180
aatgaacaca catctgcgca agaatacagt agcagaaacc acatctcaca cttgataggg     240
gagttggaac tatgaatatt acagtctata ataaataaca cata                      284
```

<210> 412
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 412

```
gactgagata tcttgataat ggaaataata aaatggcaat tcagcaagct gataaactgt    60
tgaagaaaca caaagatctt cactgtgcaa aggttctcaa ggccattggt ttacagagaa   120
ctggcaagca ggaagaagct ttccacttng nnaacttgga ggatatagtt ggnttgaatg   180
ngctttaaag aaaaacaaa                                                199
```

<210> 413
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 413

```
ctgaaagccg gtctctaccg tctaaccacc acgtttggng aacatgtgaa cagctgngca    60
ggcatctgca gaacatcaga aaagacttca gcaattcttg gagttcaaag aatagtgaag   120
tagntataaa cctgtgttca ttaccccctgc tgatacaact acagatgggc acaagnnaat   180
gtcgagcatt tcttgggatc agaagagagc cggactaatt agacgctnnc ttttgtcgat   240
gntgctntgc tttgaaaact atactnncnt ggggaggant ncatnggana gaaattctnc   300
ancngantaa ncccgnaaaa ctgcccttct ctngtaccca ngtgctttt ttgtggggtg    360
ttggta                                                             366
```

<210> 414
<211> 547
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 414

```
gactgagaga aaaggaaagc aattcaggtt cagacgacta gaatctttcg tgcatgattc    60
ctggcgacag caacgtgaca aggtgcgtgt ccagcggctg gaggtgaagc ctcgtgcttt   120
ggaggtgcct gataaacatc ccttggcctt cgttatacgc atggaaagga ttgaaggagt   180
gagtttattg ggtaaagagc accatcatga aacttggcct gaagaaattg ttcagtggtg   240
tctttgtcaa ggtcaccct cagagtgtaa gaatgctgcg cacggtggag ccttatgtga    300
cctggggatt tccaaatctg aagtctgtcc gggagctcat cttgaaacgt gggcaagcaa   360
agattaacaa taagacagtc cctctgacgg caacacggt gatcgaggag cacctgggga    420
gatttggtgn catttgcctg gaagacctca tccatgaaat tgccttccct gggaagcatt   480
tccaggaggt ctcttcattt tctgngccct ttcctnctct ctgnggcccg ncatgctacc   540
aggacac                                                            547
```

<210> 415
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 415

```
agcagcaagt gatccagtct cgagtgaatg accaggaagg ccgagaagaa ttctatgttc    60
actatgtggg ctttancngg cgactggncc naatgggtgg acaaganccg actcgnactg   120
accnngacag tgaaggatgc cgagcagaan aactactgan anatncctga tgtgagctgg   180
ccgagcagcc agagctcang atcactcgaa accaatngcg aangcatgat ganatnancc   240
ntgtgcngan ggcnctggcc cctcccttct cagnacnatc acngcttanc catngcnact   300
```

cncatgtgan nggcagcccn cagggaagga gatctntcna tntgagcanc atcnttgtgn   360
atgacgtggc tggcaaagac cacaagatat act   393

<210> 416
<211> 416
<212> DNA
<213> Mus musculus

<400> 416
gactgaggta gccttcatgg ctgtgccaca tcattcgcag gagacttcct atctgctgcc   60
tccagatcca gaggattggg agaaacaagg catcccggac tttgtctatg gccaggagga   120
tctcgttggc aaggaagttc agtggcccag ggattcacct agtgccgtgg acacagtacc   180
actatcccgt ttcgactctg ccctccgctc tgcgtggagg cagcggctgg aactgggcct   240
gtttcggtac cgcctagaag atctgcagac ccaaatcctc cccggttccg tggggtttgt   300
agctcagctg aatatagatc gagggataca gaggaggcgc ccccagaata tcagaagtgt   360
gaggcaggag tttgacccgg aacagtttaa cttcaataaa attcgacctg gagaag   416

<210> 417
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 417
ttcggtgcta cagagtctct aatcttaaaa gctgaaggga aagnggagtc tgatnncttt   60
tgncaattag gtcacattca ncctcttatn ggaagatnat ncaaaagcnt tatnntgcat   120
accatgnggt acntacagtn tacagtctga ttactggaag aatcgctgcc tttttatata   180
ggtcttggtt tggtctactt ccattacnat gcattncagn gggctatnaa agcattntna   240
ggaggtgctc ctatgtncga ncccagcttt ttggcgagcc aaggaanntt natttacgac   300
tcnnggctta tcgttcnaag cgaacacaga cta   333

<210> 418
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 418
aatacaggct tgagcaagag cctgtgagaa gacggatngn gcaagagcga gccagagcga   60
gacgaagatg gcaggaantt gccatgtggt caagagtagc atgaagaact gctgcagagc   120
cctcatttca ttcttcctcg tacacaatga atcacgttgg gatttcattc cggggctatg   180
tacacaaaag tgncangagg aaaatgttct ctactcttgc ataaaaatgt gtccagtgct   240
tcaggaatgg aacttctgct ctgccgggca gggcttcagg gattctgccg ccagagatga   300
aaggctcctc ctcctgtttt atngntctgn aattcccgag gngttaatca tccanccctg   360
gncngctccc cttgnnggga tcctcggtgc tattctga   398

<210> 419
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 419
```
tgagggagac aggatggtgn tgtcaaaact tccaagttnt tctcnnagat ntncngcaac      60
ncggggnca cnatccagaa gnnctacccc ntngtncccn tcttcctcct ggnccactnc      120
atgggcgggt gccatctccn tcctantggc tgnanagagg ccaacctact tttctggcat     180
ggtcctgatt tcacctctgg tccttgccaa tccggaatct gnatcgactt tgaaggtcct     240
tgctgccaaa ctgctcaatt ttgtcctgcc aaatatgacc ttgnngcgca ttgactccag     300
cgtgctgtct cggaacaagt cggaggttga cctgtacaac tctgacccac tcntctgccg     360
agcagggctg aaggtg                                                    376
```

<210> 420
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 420
```
ctcctccgaa aaaaactgtt cggtttggcg gaactgngac agaagtctta ctgaaataca      60
naaagggtga aacaaatgac ttagagttgn tgaagaacca gctgtctgat cctgatataa     120
aggatgacca gatcattaag                                                140
```

<210> 421
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 421
```
actgatattg cagtaggtga anaaactata aaggatatgt cagagaataa acaagaagta      60
catccagata ctattacaga tgtggaagct gttatagata cagaggaaga acttattaaa     120
gaatgtgaag aaatgtggaa agacatggaa gattgtcaga ataaattatc acttattggg     180
aactgagaca ctcacgaatg cagatgctca gctctcattt acttatttat gcaaatggag     240
ggggntggac tggctgaacc ttgggncaat ggaaaaaaag aaaccccgaa                290
```

<210> 422
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 422
```
tggcgttttt tgatgaagaa taanaaattt aaatttcaaa ccactttcac cttggaggag      60
ctgactgcgg tccccttcgn gaacggggtc ctcttttgca aggtccgnct gctggatggc     120
ggngattttg tcagcttgtc atccagtggt cttcaaatga agatgatgaa ntcttatact     180
ctacntgcnc catgcctgcc tggatgctgc catgtnnctg ccttgatgat aangaactga     240
acctctnatc ctgtaaacta accccaat                                        268
```

<210> 423
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 423
aagtactgaa ggctttgtgg tgtgtggggg ttgnactcac atggctgcag ccagtgtgac   60
ttcccctggc tccctagaac tgggngggnc tggtttctcc aaaaccctcc tggggaccag   120
gttaaaaccc aagtacctct gttcancctg caaaaaacat cctgcgggag gccctttcca   180
ggcccagtgg ggncaccnnn tactggntcc ttctgcctga ccaggatncc tnanggtgtg   240
catcccattg ggggggggt g   261

<210> 424
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 424
tggccctggt ggctcaggta ctgatgctgg agaatgggct actgcggact ccacccatgg   60
gctggnnggc ctgggaacgc ttccgctgta acatcgactg tgtggaggac ccgaagaact   120
gcatcaggnn aactctttt tatntaaagn tnggnatcna tgacnnaatg gngnatantg   180
accnctgggg tntacnttcc tacncctcta aaantggtgg aagngggggg cggaaaccct   240
tcggg   245

<210> 425
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 425
gccctgattg agcagactga ggaagcagng gccgcactta actccctccc cgaggtgcct   60
ccctggactg gggaggtcaa cccacctctg agagacggcn gtgcttctag ggcgcanctc   120
cttgggaccc ctccgataga tctgccctct tgaaaagcaa actgagggct ctgngnggnt   180
ggccctcgga gcctacnaag atccagctgc ttcgggggta ggattgacag gattgnnccc   240
canagtggac tagggttgaa cagnttccgg naccgaaaat aacagccaag ggggaaa   297

<210> 426
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 426
cttttcaccg gtccctaacc tgtaccannt ttgggannag gatggaaatt naccanagac   60
tcatcaagtc cataccactc ctgctccact gcagcaggat caaancanga aggggaatgg   120
gagatgcata gaaaattgga accacagaaa ccaggaagtc tcctttctgg gacagccagn   180
gacgctccag cacctcctcc agnccctggt ccttggcaca gcccctccct catggctgga   240
tcctcagatc ataatagggc cttggagcag ggtttgaggg tggggatggg gatt   294

<210> 427
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 427
acctctgcag tgtcaacang gctcaaggan gcaggatgga tcncgatgtg nctaacatgt   60
tngngattgc gggngggacc ctggcnattc caatcctggc attngttncn tctttcctcc   120
tgnggccttc agcactgnta agaatctatt attgggggggt gactcag   167

<210> 428
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 428
tgacttacta ccaaatgtgt ggtggatgtt gaagcgaaca aagttattct gaatcctgta   60
aatacaaatc tttccaaagg agatgcccgt ttnntaacna agacannntn gttanganac   120
tnntcatncc ccacatcctn gaaaaccatn nttcnggatg tttgccaagt atggactnng   180
gtnattatat nnntntcaaa aanatttatt caaacaaaat cttaaaggca tccctaagtt   240
aaactgac   248

<210> 429
<211> 276
<212> DNA
<213> Mus musculus

<400> 429
gagacataaa attatgaagg atatcaccag aagctatgta aacatttcat ctaaggacca   60
agagaagttc aaggtgtttt cacaaggaaa ccaaagagac aactgatatg aaagagctga   120
ccgcagtcag agaaatcttg ggaggagaac tagagtgaag gacaaggcga tgagcaggtg   180
ggagagaaaa agcaaacagc tcaaacagat cctgtgaggc gggcgaccca ggacgaaggc   240
tggctttggc gttatctagg taaccccggt ttgttg   276

<210> 430
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 430
gagtctgggg agctcctgcn taagtcagac tgagggtaca aaaatgcaga gcaataaagc   60
ctttaacttg gagaagcaga atcatactcc aaggaagcgt catgc   105

<210> 431
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 431
ggtatggcag ctggcgagaa ctggccaagg ccctagccag caggaacatc ccagccgttg   60
atccgaatct ccaattctac cgtccccagc ggctgagcct caaggaccaa gaaattgccc   120
gaagtaggag taggaacagt agctacctga agtggaacaa gcctgtcccc tggctctcag   180
aggtacaatg tcgctgtctt cagacactcc agaagtagga gtcagatttt gttacggatg   240
gttgtgagcc accatgtggt tgctgggatt tgaactcngg accttnngan gancanncgg   300
gtgctcttac ccactgagcc atctcaccag cccacctctt gtgatcttga ctagaagtac   360
cttcctaacc cagctcttcc actgttttta aataaataaa caaacaaata actcactgac   420
cttaaaaaaa aaaa   434

<210> 432
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 432
tatggatatc aattctcctg gaagaaaaat aagaaggccg gaggggnnct atctgaagag   60
gaagtgtttg gctctttctn ggnaanggnt atgcaaatac tggcaagaat gagcggctaa   120
tgagccactg ctaggtaaac atagtgggag gaaaaccaat anccnctgga cccctcagca   180
cnactgnacg agcccagnct cntccaatca acggaaccca gcaagaaaaa cccctacc   238

<210> 433
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 433
ctcctgcatt aagtcagact gagtgtggtt ttgcttgtgg ccatttccag tgcgtttgaa   60
tttggacccg ttgctgggag agaccttgcc atcagagata acagcatttg ggaccagaaa   120
gaacctgccg tacngcgatc ggtctttcca gttcgtgcct tccgtgggga tacagaacag   180
taagtcgctt aataaaactt gctgtctgaa tggagggact tgcatcctgg ggtccttctg   240
tgcctgccct ccttccttct atggacgcan ctgtgaacat gatgttcgga aagagcactg   300
tggggtctat cctcngtngg tacctggctg cccaagaagn gttcccttgt gcagatgctg   360
gcacggccca gctccantgn cttcctcaag accttttcta cctggc   406

<210> 434
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 434
agttcctcca tccacaaatn atgcantcga gtttcctcga atttggggtc aatacacaca   60
gagtgcaatg gatgaacctc gctctggaga aatcncctgc atantcatgg natttcccct   120

```
tncaggattt atacagaagc agtcttccaa attctgaaac ctgatgccca tcacatactt        180
tgggctgaga aaagaaaat                                                     199


<210> 435
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 435
ctgccttgct ccatgaagtc caggacantn tgacatgcac ttgtttcttg tctcttcatt         60
tgaagaatag tcttcgtcca ctgtgtacat ttttttttgt taatagggaa ggag             114


<210> 436
<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 436
aagactgaag tccgtgcccc tcgcctgcag ctgccatgga agctccttgg acccttttaga        60
agcttctcgc cgccatcaca ggagccccag aggatgtgca gcggggtctc cccagttgag        120
caggtggccg caagggggaca tggatgacac ggcagcacgc ttctgtgtgc agaagcactc       180
gtggggatgg gctgcgtaac cattatccac nggcagtcgc aagtcctcgg ccctcattgt        240
cagcgngggg ngcccncgac tttccagttt gtgcagaanc ctgacaagtc tgcccccat        300
ctcaccgtct ct                                                           312


<210> 437
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 437
aatatctttt gcacatgant gttctgcctg catggatgac tgtacagcan gctcatgcag         60
tgatgaagga gaccagaaga ggtccttggg aatanagtta caaacaattt tgaaccacca        120
tgtgggtgct gagaattgaa cctatgtcct gtggaagatc agccagtgct cttaaccact        180
gagaaatctc tccatcacct attcttgtgg tttggttttt cttttctttt gngngtttct        240
tttttttttt t                                                            251

<210> 438
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 438
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atactgaagg cactattgct gaggtagaac agatgtgntt gagatcgagg ctaaactgga        60
caagctggtc aaactgtgca gnggnatgat cgaagccggc aaatcctacg tcaccaccaa       120
caggctcttt gtgagccggc gtccgagacc tgtctcagca gtgccagggc nacaccgtca       180
tctcggaatg tctgcagagg tttggagaca gcctacagga gatgga                     226


<210> 439
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 439
atactgaaga ataggagggg gagccccgag gatgacctga ttggaatccc attcccagac        60
cacagcagcg agctcctgag ctgnnngaac gagcagngcc agctnancca tctgtgcgac       120
ctcaccatca ggacgcaggg tcttgagtac cgcacccaca gggctgtgct tggctgcctg       180
tanccactac ttnaagaagc tcttnncggg aggnaggagg gggaaannng gaatgngaac       240
tgggggggggg gggggg                                                      255


<210> 440
<211> 271
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 440
gaactgagtt ctggcaggtg atctgtaaga cagtgactga ntatggatca tttgaacgag        60
gcaactcagg ggaaagaaca ttcngaaagg ngntaacaat gtgagtgatc cgaagggtcc       120
acccgccaag attgcccgcc tggagcagaa ccggcagccc tctaggaaga gganggcttg       180
ggagcacagg ttggaaagat gcagggagtg cctttaaanc actcgggcca tctcatgaaa       240
acnggggggta ggaaaggaac catgtttccc a                                     271


<210> 441
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 441
ggtctatgtg cactagnagt aattctgnca caatgcctga aataactacc agccatcttg        60
nngaaaaaca ggntcaggnt ctagcggnga tgtgtattct tattgatgaa aatgacaata       120
aaattggggg ctgacaccaa gaaaaaactg gtcaccttaa tgaaaacatc gacaaaggat       180
tattacatcg agcttttagg gggcttcttg ttnaatactg aaaanaagct cctgttgngg       240
gggngatcag atgctaaaat tcctttccag gg                                     272


<210> 442
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<222> (1)...(285)
<223> n = A,T,C or G

<400> 442
atgcagcagc tgccccangc cctgtgcttg gcaacattcc ccccaatgat gggatgcccg   60
gaggccccat cccgnnaggn nnctttcagn cttttatgan accacaatat cncagngcga   120
cncaaagcct ccaantaaaa tgggaaacca tatctatngg aggagttcct gggacacaga   180
tcattgctgc cnaatnccan ggatcccana cgacaacaag gacacnccaa catgggnggn   240
ggaatgcana nnatgaaccc tcccngaggg gatggggggcc catgg   285

<210> 443
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 443
aaatttcccc agtactgcag aagnacaggn attcaaggac aacctctaca gccaacccag   60
ttgagggcca gcctgttcta tcgagatcct gtctngngga cagaaaaagt ttcatgagan   120
cgtggtgtgt tggcacaatc ttttatttcc gagcacttga cgcattaaaa ttaagggcag   180
atcttcatga tttggggggcg ggccctgggc ttgattccaa agaaccttgt ttccaaaaca   240
aacaaacgaa aaagttgtat gggggggggg gggccaaggg ttttgg   286

<210> 444
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 444
gactgaggta cctcctgnat gatgtcaacc ccncaaaggc ttcaatctcc gcagggatgn   60
ctatatccgg gtggcatcct tgctgaagac gctgttgaag actgaagagn gggtgctagt   120
cctgcccccg tggggccgcc tctaccactg gcaaagccct gacatccacc aggtccggat   180
tccctggtcc gagtttttttg acctcccgag tctcaataaa aacatccccg ttataaaaaa   240
aaaa   244

<210> 445
<211> 190
<212> DNA
<213> Mus musculus

<400> 445
ttttagggac ttcctgaagc tgttttgagt tgtttactta tggatcttca ctgcaagatg   60
gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt tggccttgaa   120
ctcctacagg tgggcctgcc tttgcttcct agtgctggga ttaaaggtgt gtatcaccac   180
aaaaaaaaaa   190

<210> 446
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)

<223> n = A,T,C or G

<400> 446
ggcttgggga gatccgcttg tcaggggnnc atcctcttcc aggctgaggg ctcccgttag   60
acactctcac gtttgacatc ttcctcctcg gggcgggtgt ggaccaccgc ctcgcctntc   120
tccggaaaaa aaaaaa   136

<210> 447
<211> 236
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

<400> 447
gactgtgcag ttgttgctcc tggtgatgtg gatggctcna atgtgctcac tgccagagct   60
acttcgggnc cagnactgaa cttntcaatg tctgcatggg atgccannca ccacaaagaa   120
aaanccgggc ccctggagga caattttaca cgaccagggg cancccctg ggaagancna   180
attccctggc tgttcccacg aaacaccaag cccaggaagc cacattaagg gacgtt   236

<210> 448
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 448
aggtgatttg ccgttgagaa gctcgctact tcgcacacaa acaggaggta cggggactca   60
aaccccacat tccctctcca ccctcggcct tctctctctg ctcgtcttca aaattgtttg   120
aagtttgaaa tttcacgaaa ttcattgtag canaaattan gcccgttgta caaatca   177

<210> 449
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 449
cgatcagtag agggaccaga aacttctctg caaagtggcc tgcacaagct caaaccagcc   60
aacgtctcag tgtggacagg gaagggctca tgaagtgcta cccctaactg agaagtcact   120
gacagttgga aggacgagtt ggggttcttc acagatgtgg tccctgaaag gcttacccgt   180
gctcctngtc accagagcac aggaaattgg gaggagaatg ggggggggg gggataga   238

<210> 450
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 450

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ggctcaataa cattgagcgg cccctgctta tcttcggcac caagtttgac ctgagacagt    60
ggttcctggt gactgactgg aacccactca ccgtgtggtt ctaccgagac agctacattc   120
gcttctccac acagcccttc tccctgaaga gngcngggac aactgagtgc accctcctcc   180
cctgactatc cagactagtg tggaggt                                       207
```

<210> 451
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 451

```
gactgaggaa ggattttgc tgggagaggt aagacaagag gaaactttta gcatcagtga    60
ctcacaaatc agcaacacag agtttctgca agtaattgag atccataacc atcagccttg   120
ttcacaactc ttcagttttt atgattatgc gagcaaagtg aatgaagaaa gtttggacag   180
aattctgaaa gatcgggagg aagaaagtta tcggatggta caggttccgg cgaaacaccc   240
agcagcagat gtcctacagg gaacaggtca tccacaagca gctcacccgc atcctcggng   300
tgccagacct ggtcttcctt ctcttcagct tcatctctac cgccaacaat tctactcatg   360
ctttanaata tgttctcttt anaccaaacc gnaggtataa tcaaaggata tcacttgnta   420
ttcccatcta ggcaatacta gccagcagga gtccaaaggg                         460
```

<210> 452
<211> 169
<212> DNA
<213> Mus musculus

<400> 452

```
aacagcttgt tgcacaagcc tcaggacctg agttcaattc ccagaaccca tggaaaagat    60
ggaaggagag agctgacttg acaaaactgt cttctgacca ctgtacactg gactggagcc   120
acggactgca ttgtacagga aaataaaaca atttgtatga aaaaaaaa                 169
```

<210> 453
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 453

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tgaaggtgaa gcttcctgtt gaagatggca gacccagtat gttctcactg aagttccggc    60
ggcattgaag cgggtagcca agtatgtcat ccggggcttt tatggcattg agcacggtgt   120
tggccttgga catcttgatc cggaacccct gtgtaaaaga agangacatg ctaggagctg   180
ntcaagtttg atcgggaagc aacttcgatc cgttttgaat aatttaaagg ganacaagtn   240
catcanatgc anaatgaggn tagagactgc tgcanatggg aagaccaccc gccataacta   300
ctacttnatc aattaccgga ctcttgntaa tggaagggaa anataagctg gaccncatga   360
aaaggaggga ttgaaacaga ngnagagaaa ttcccccaat cgggcttccc ttcaaatgnn   420
ctgtctgntg cagnactttc actganctaa aaacccatca actg                    464
```

<210> 454
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

116

<222> (1)...(280)
<223> n = A,T,C or G

<400> 454
acctgactgc cgagattgtc acgacttcct ggcctgattc tgcaccgcct gantctgnca   60
gngaccgaca ggctttgttc aaaagnatgc ccaaaccttt ttggccctct gtgctacaga   120
ttcacccttt gcgatgnatc ctccatccca tgatcngcac agggcagnat tgggggcanc   180
cgngctaggc ctagggnggc cngctctatg tctgggggat gaacctnaca aaagttgnnn   240
ggcccgggaa tcacaaggnc nctgaaggcc ccccaggcct   280

<210> 455
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 455
gtcttttgcc gcttcatgtc ntccatggct cctcaagaca tttgtcctca tggtaggact   60
tgccactgtt gcgtttatgg tgagaanggt gtncctnaca acagactncn gcaccttcaa   120
nccaaagttt ccagannctg natgggtnga cccanggctg aagctttcta ccanagganc   180
atctgaggaa nctctttacc tacagtgaca tctggctctt ccccaaaaat cagcgggggac   240
tgtaactctg ncaaactgcg antgaaatat aagtttcngg atgcctatan ccagaacgnc   300
cttccagctg ggaatgcca   319

<210> 456
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 456
cccctgccgg agaagaaatg ggngactgtg ggtagatacc tccctgagga tattcaaatg   60
ggtgcctgtg acagatagca aggagggatt ttgaacttta tacaaacgaa tcgtagggct   120
ggagagatgg ctcagcagtt ttgatggctc agcagttttg agcagtggat gctgttccgg   180
aggacctgag ttcagttccc agcccccaca tggnggctca caaccttcag taactccagt   240
tccaggagat ctggtgccct gttctgacat ctgctggcac caggtagata tgtggtgcac   300
agacggtata tgcagccagt gcaccgtaca cataaaataa aaattgaaaa actggaaaac   360
aaaaaaa   367

<210> 457
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 457
ggcttgcccc tgatcagcct gagtctgatc tgaagatttt ggtgtttaag gcattaagaa   60
catagcctga atngttcatg gagttttttca tcagtatgtc tgaaaccata aaatataatg   120
atgatgatca taaaaccgct gtttctgaaa aacactggaa cgaacagcgg cctgggaggg   180
agaatttctg cgacatcgcc ttcgtgggtt gaaagatgta aagttcccga gcccaccggg   240
ggngntcctc gcccgccttg caancacgtt acttttnaan aaagcttttt caannaaacc   300

```
tagaaaagtna  gaacacgccc  cnccccccgtn  ataagagaat  agnatttccc  tcccgctnct      360
nacaatattt  tngaagaggg  tgctgaactt  acatngtnnc  nccggccagg  atttccggag      420
aaaaaggg                                                                    428


<210> 458
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 458
gactgagatg  acggcccttc  ttaccaacca  aacagaatga  ggaatttcgt  cccttcattc       60
gaaggcttcc  agaattcaaa  ttttggcacg  cagctacaaa  aggcattctt  gtggctatga      120
tctgtacctt  cttcgaggct  tttaacgtcc  cagtgttctg  gccgatcctg  gtgatgtact      180
tcatcatgct  tttctgtatc  acaatgaaga  ggcaaatcaa  gcacatgatt  aaataccggt      240
acataccatt  cacacacggg  aagaggagat  acaaagggaa  ggaggacgtg  ggcaagacat      300
ttgctagtta  gaagctggac  tgattctcac  acggactcaa  gaacggtttt  gagccattgt      360
aacaatgcct  ttttcttcac  ataaagtagt  tgattatgag  gaagnngaat  tntcttttta      420
agaggagccc                                                                  430


<210> 459
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 459
atactgagta  tagtaagaag  acatggtttc  cccccacttc  cacagcacgt  ctaagtttta       60
tcttttttgg  ggtccttatc  tgtgggccac  antggaacan  ctgtgaatat  cacgctgtta      120
aa                                                                          122


<210> 460
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 460
gaactgagca  tcttccccac  ccccagcccc  cangaccaag  gacaggctgn  gtccagacag       60
aaactgttca  gcatcccagt  gaatggacaa  ttgcactgaa  ctccacaagc  atcccctgcc      120
ccgtgcccat  gtcctgagat  ccttatccca  gatggaaaag  ttaaatcgtg  gctttgaaaa      180
tccaaact                                                                    188


<210> 461
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
```

<223> n = A,T,C or G

<400> 461
gactgagtat cttcagatga aatggccact gcttgatgtc caagcaggaa gcctccagag   60
cagacaaacc ctcaaggatg ctcgttcgcc gtcgccagca cacatcgttg taagtaacct   120
ctcagtgaga gccnccctc tgttgagggt aaaggatctt ttgatgatta aaaactcnta   180
tttgtctgtt ctttaaaaaa aaa   203

<210> 462
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 462
gactgaggtc ctccttgtgg ttcatttctg ggcaccatgg gctccacagt gtgtacagat   60
gaacgatgtc atggcagagt tagctaaaga acaccctcat gtttcatttg tgaagctgga   120
agccgaagct gttcctgaag tatctgaaaa atatgaaatt agctctgtcc ccaccttcct   180
gttcttcaag aattctcaga aagtcgaccg gttagatggt gcacatgccc cagagttgac   240
caaaaaagtc cagcgacacg tgtctagcgg agcctttcct cctagtacta atgaacatct   300
taaagaagac ctcagccttc gcctgaaaaa gctgactcac gctgcccct gcatgctgtt   360
catgaaggga acacctcaag aaccacgctg tggtttcagc nagcagatgg nggaaatcct   420
tcacaaacac aatattcagt tcagcagctt ttgatatctt ctcagatgaa a   471

<210> 463
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 463
gactgagatt tgataatggg ctgcattaaa agtaaagaaa caaaagtcca gccataaaat   60
acacaccgga aaatcttaca gagcctgtag gcccaagtgc cagtcattat ggagtggaac   120
atgctacagt tgccccgacc tcttccacaa agggagcatt cagtnaattt taaacagtct   180
ttcnatgaca cccttggag ggtcctcagg gntgactcct tttggaggag cgtcttcctc   240
attntgagng gtgtcaagtt catatcctac agggtttanc agaggatggg caanaaagtg   300
atactttcct ntggaatnaa gaagccctaa aagtataaac   340

<210> 464
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 464
actgagattc agagtcatgg ngctcagcga ngcgaattta cagacactaa cagagtnttt   60
aaagaaaacc ctggatcctg atcctgccat tagacggnca gctganaagt ttctcgaatc   120
cgtagaagga antcagaatt acccactgtt gcttttaaca ttattggaaa aggcacagga   180
tantgtcatt aaagtatgtg cttcagtaac cttcaagaac tatattaaaa ggaattgg   238

<210> 465

<211> 276
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 465
gactgagact ccagttctca tctggctccg tttttaaact cccaccttgt cactcatctc   60
gcctccttgg agtgacatca tgaaggtggt gaacctgaag caggccattt tgcaagcctg   120
gaaagagcga tggagtgact accaatgggc aatcaacatg aaaaaattct cccccaaggg   180
agccncctgg ggactttctc aacctancaa aagcgctcct ggagcaggct atgatngggc   240
cttcccccat tcctttgatc ctgtcgtacc tgaaga   276

<210> 466
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 466
aactgaggtc gcagacactt tgtgaaanga gtgagtcaga gacgacgacn tacccccngct   60
ctcttcccat accttagcag ctgnccagga gttttatgct tgagcagaaa ccaatccgtc   120
aaccccagag gggatgataa attataacgg ttggggtaat tagagga   167

<210> 467
<211> 116
<212> DNA
<213> Mus musculus

<400> 467
gactgaggtt agaaagaatc aaacaatgca gacataattc atctccttaa agattgcgcc   60
ctagtacttg aaatgctttt tatttaaaag agtagtaaaa atggaaaaag aaaaaa   116

<210> 468
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 468
gactgaggga cagagtcatt acagttgaaa ctacagagta ttctgctagc agccttcaga   60
tgaagatgta gaactctcag ctcctcctgc accatgcctg ccgggatgct gccatgctcc   120
tgccttgatg ataatggact gaacctctga acctgtgttg atgtgctgtc gggacagctc   180
tggagcaccc ttaaagtcca gctcttccat ctccgcttca tagaacttgc ggcagaaatc   240
tttaaaagac tgaaacaggg caacacgaaa gtgattagca ccaacagcct cctttccagt   300
gcacaaaatc aaaatatcaa aatgtaatgg gngnacagat ttgattngca aagaaaaang   360
nggaaatgta taaaaattca aaaaaaaaaa   390

<210> 469
<211> 266
<212> DNA
<213> Mus musculus

120

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 469
actgaggagg tgcccagaca tgggtgactg gagcgccttg gggaagctgc tggacaaggt   60
ccaagcctac tccacggccg gagggaaggt gtggctgtcg gtgctcttca ttttcagaat   120
cctgctcctg gggacagcgg ttgagtcagc ttggggtgat gaacagtctg cctttcgctg   180
taacactcaa caacccggtt gtgaaaatgt ctgctntgac aagtccttcc ccatctctca   240
cgtgcgcttc tgggtaaaaa aaaaaa   266

<210> 470
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 470
aatggaggct gaagagttaa ttggcagcag tgtgacgatt gattccatca tgagcaaaan   60
gagagntntt anaaatatga tatgtgaaga ctgtactgat gagctaagct tgtctaaaat   120
ccttgtgccg atcacaccga aactggntaa nccaaaatta tgagggttgg ggaacacccc   180
anagaactgg ctgaattttc ttgctgaaac ta   212

<210> 471
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 471
ggacctgccc tgcctgctac nnnganngtn nnnnacagga ccataggtgn ngcaagacct   60
acagcancct gntcanagtg gtgggacgtt gcattcccan cccagatctg atcgtcttac   120
tagagcagga gaagngagcc cctgnatggc ttgggaaaaa agaaacaggc agcccgagcc   180
caaggttttg gagacaggnt ttccnancct gaaaatnaga nctccaaaaa atcatgtt   238

<210> 472
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 472
actgagagaa atgcaggcag nagntcagga tggnaccgaa gattccgatt tttctacnga   60
tctcnagcat acagacagnt nanagagtga tggcacctcg cgccgatctg cccgagtcac   120
ccgctcctca gccaggctaa gccagagttc ccaagattcc agccctgttc aaagatngnc   180
agtctttngn aactgnggag cctgnctatt ctaccagaag ggtgacccgt agtcagcagc   240
agcccacgcc agtgactcca aaaaagtacc ctcttngaca gactcgctca tctggctctg   300
aaacggagca ggtggtggac ttttcagata gagaaactaa aantacagct gatcatgagg   360
agtc   364

121

<210> 473
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 473
actgaggttt aagtgcccca tttgttccaa gtctgtggct tccnatgaga tggaaatgca   60
ctttataatg tgtctgancn ggnctngngc tgtcctacaa tnatnatgtc cctnactaaa   120
natgccgggt gagtgtgcta atctccctga agaanctgct tcaggnggnc acaatagcca   180
gcctgccttg ccttgtncat ctataacaaa agnctgcnta anctcatggt ttagaagtga   240
acag   244

<210> 474
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 474
gactgaggtc tactgctgct ntgctctaca ngggttactt cctccaggac tgccanctgt   60
nngatcanaa taccgtgaca ctggtgtggc ttgaagnata ttnacncctc nccngagaat   120
ctctaangct acntactcac ccacttctga naggcgtcaa aggttccaan cgaacnctgc   180
ctggntcact agcatcagaa tttcacagat ttaggttcat tctncttgcc tcagaaattg   240
atcaaggggc acattcccct gatgttaact gcaaaccttg acgagtctct naagacagnt   300
caancttcan ncncgntttg ggctttctga acctctgggc caccttcagc tccatttcct   360
tgacaagg   368

<210> 475
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 475
gctctggaag ctatggacca gcangacctt ccagaagaga gagaccgatg gcagtgggtg   60
aactgataag ggccctaggt aggctnaaag tgnccacgga ccaagatagc attgaatttg   120
gggcatctgg gggctggctt gactttataa attggacctg ntaagcnagg ttcctttgga   180
ctgggaatgn aaagaaggtg gtcacttgnn naaataaatc tggatggccc ttggggcnta   240
cccncgnccc ccggggngtt ttctgggaag cnagtngnga aaaaggggt gccttttaa   300
aaaagttttt nttgttaacc aactgggccc ccacccnttt aaattnttgg anttttaaaa   360
aaccccctttt ggaa   374

<210> 476
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)

122

<223> n = A,T,C or G

<400> 476

```
gactgagatg gtggaccggg caagattact gcttgctgcc ttgagtgana gtgggattan    60
tccgaatgac ctctttgatg ttgatggtgg agatgctggc cttgccaccc ntacnccccc   120
ttcanttcaa cagaagcngc ctccatccac ttcaacagct nggggctgaa tcacaataan   180
tcaacttcca tctttgngat ntnccaatan ncnatgactc actcccccnc ctgctaaata   240
cgaaggggga naaccntcac ctatgacaaa ttatc                              275
```

<210> 477
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 477

```
gaaaaccggc cattgaatag aatncacngt caagccgann atncnanccg gannatgtga    60
ttatncangc tanngngcat atgctactgg agacnacaaa gcctgtttcc ctcggancca   120
atccgctggc ttaaattttg cagaganaat cacgtcagnc cncagaaant cttcctctgt   180
agccatctgn nanncnnngn gtntnaanta aatgactgtg nctaatcagn ncacagcctc   240
atggagantg actcctaccc ctctgttcct gaggtccaaa atgnacttan atctgctgtc   300
ccanagccag aggaggctca cntagacctc ggagggggac tcttggaagt cactggcttt   360
cctttcccct tgctgccaag accatattct gaag                              394
```

<210> 478
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 478

```
gactgagatg ggctggttaa aagaaaagca gcttatcgaa ccgaggtgag cgatgaagac    60
atccaaacaa tgccatgctg tacaccggga gcactttcta tttgcctggg aaactacgag   120
cggagcccct ggatgccatt ccactcgaag gcccccaagt ctcctaaggc actgcaagta   180
agaaggagcc gggctcacca tgaattcact ttgaagtagg tgggaacttg ccacgacgtc   240
cctnagctgt gaccgtgtga gaactcggct ggctgactgc aggtattcca tggctacctt   300
ctcccggggg gttgagacgg ncacaaaggg ttcnacactg cccaggctac tcatgtccag   360
cgtaagagat acattggaac ctcgnctaca tgggggaaag aatgntatta catttaaata   420
ttcatgaat                                                          429
```

<210> 479
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 479

```
tatgctggat gagcagtggg naccatctan atcgcataga agaaggcatg gaccaaataa    60
ataaagacat gagagaggca gagaagactt taacagaact caacaagtgt tgtggcctct   120
gcatctgccc ttgtaatagg gcc                                          143
```

```
<210> 480
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 480
actgaggatg ggatgcgtga agtccaggtt cctccgagat ggaagcatgg nctcnaaaac        60
agagccaagn gccaatcaga agggccctgt gtatgtgccg gatcccacgt cctccagcaa       120
gctgggacca aacaacagca acagcatgcc cccagggttt gtggagggtg agtatctagg       180
aagcttgggt ctcagcatca nnatacatnc attancttag attctgagtt gtaactgatg       240
ggggaaagt                                                               249

<210> 481
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 481
tgttgggcct taagaggccc caccggtctt tctttgagtn cttnatccgg acactcatca        60
tcgtgggcac tggcctgnct gaggntcctt tnttcagtcc tncatctgcg atggccacnt       120
ggcctcctaa tggaaggatc atctcttttg gggcttgngg aactttctgc accatcggga       180
aaccacagtg gaaccacatt gtcttganna gacctgagcc caggggcccca tatgcccggg      240
gcgtgggctg gtagnncatg ggncctnanc ncgccaagtg gnggncccgc cattggcnag       300
nnggtgngcc ttnccaattt tcccccccttg gaaaatgctt cattggtngn cccaaggngg      360
ggtaaaaaag tnccgttnac gggacaaggn gggcccatcg ggttcct                     407

<210> 482
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 482
tgatgaaaaa ggagattnta tgagcagatg ancggtcctg tnacctncgg ctnccgccag        60
nanaatggtg ccggcgtnat cctccgagnt gttgnaagag ccggagagan catccagaat       120
tccttgggtg gaagatgagg gcc                                               143

<210> 483
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 483
agacaacggg aggcaccaca gaagtctgtg gaaagaacag nagatgaant gnccaganct        60
```

```
ggccttacag ggccttcaca gagaacgtnc cacccgctgn aaactgatgc cgggctcctt      120
ccccncggga cggagtcttc aaacatatng gggataaaaa tgtttcctgg t              171


<210> 484
<211> 531
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 484
gactgagaac tgtgcctggt gatcttgntt gcttcagtgc atctacaaca tcggcctact       60
cctccctgtc ggtgattgag atgatctgtg ctgctgtctt acttgtcttc tacacgtgtg      120
acctgcactc caagatatca ttcatcaact ggccttggac tgacttcttc agatccctca      180
tagcaaccat cctgtacctg atcacctcca ttgttgtcct tgtagaagga agaggcagct      240
ccagagttgt cgctgggata ctgggcttac ttgctacgtt gctctttggc tacgatgcat      300
acatcacctt tccctctaaa ggcagcaaag acatacagca ggctcccact gaccccactg      360
atgggcccgg tgatcgtctt tcagctgtct ctgctacctg gncaataggc tcctccatca      420
aaaaactttc ctcctgnngg ggcggggggg gggctccgcc tttcctccaa agctntcagg      480
agggagaagg cagggnggat ccctggngaa gttgaggcca gggctacaca g              531


<210> 485
<211> 483
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 485
tttaagcccg cgccctccgg gtccgctttg cnggatcncc gctagnctgg acctgncacg       60
cggaccgcac ggngagctnc nggnaanggc agaganngac ngagtcgaan gnctngctct      120
ccntacncac atcgcccggn tagnctctcc tacacancgc tgactttcan aaggagctgc      180
tctcctcaca ccttggacgc cgccggaagc tncaaaccgc gccgcactaa cgccgccgac      240
atgtttccga gccccgccca cacgcggnga gctacttccg ccctggcgga gttcgctcct      300
cggcagaaac tggagcagga gctcagggtt ccgcagcnag cggaagtgct gccttagaac      360
gcangctcaa tggctttcct atanccccgg aggancgggg agctaggggc ngtgtccnaa      420
gcgcanaaag ccacagttgt tcaattttct aagcaacagg nctctggtga tccaggcttg      480
tgg                                                                   483


<210> 486
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 486
caaatccgga gattgccagg aggcttctcc tcanaggtgc taatcccaat ttgaaagatg       60
gaactggttt tgctgtcatt catgatgctg ccagagcagg tttcctggac actgtacagg      120
ctttgctgga gttccaggct gatgttaaca ttgaagataa tgaagggaac ctgcccttgc      180
acttggctgc caaagaaggc cacctccctg tggtggagtt ccttatgaag cacacagcct      240
gcaatgtggg gcatcggaac cataaggggg acacccgcct tcgacttggc caggttntat      300
ggaagaaatg aggtcattta gcctgatgga ggcaaatggg gttgggggag ccacaa         356
```

125

<210> 487
<211> 220
<212> DNA
<213> Mus musculus

<400> 487
tgaggtggga ccccggggt agagctcaag tccccaggct tggcagcaag caccgttagc   60
tgcagcatgt catggtttag tggcctcctg gttcccaaag tggatgaacg gaaaacagct   120
tggggggaac gcaatgggca gaagcgccca cgccacgcga atcgagccag tggcttctgc   180
gcacctcgct acatgagctg cctcattaat aaaaaaagaa   220

<210> 488
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 488
cggggcactg caagatggct cacnagataa tactnaactg ctttgatgtg acccttgccc   60
cttcattnac anacngggggg tcctttanac tcccagccct gggcacacac accactcact   120
gaacacccca gnctgaatag nttattttct cantagncac cagagggtgt gttcacttg   179

<210> 489
<211> 104
<212> DNA
<213> Mus musculus

<400> 489
gactgagagt cactgttcat tttatttcaa aatcggagca tgttcgtcat ggagacagat   60
gttctcggtt gcacaataaa ccaacctta gccagaccat tgtg   104

<210> 490
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 490
tgagctcttc cccaacgccc ctacgccaat gtctccancn gncacaaacg tgaatgangg   60
actntcncan tnctcttcaa natncanang ggcnctgngn ananntttcc agggangagg   120
gttatgactg attgcgggac atgccagatg gtaccttctt agttcgtgat gcctcaacga   180
aaatgcaggg ggattataca ttgactttga gganggcngg aattgcctgt atctgcagga   240
tctntaatat gtgatggccc tcgttggcac ctccntannc ncnggcataa tctaaaatgg   300
ngnaccttat tacnctctac caccacaagt ctctcgctca gtccaatccc aaactcgacc   360
gngaanctgc gtacccagtc tcca   384

<210> 491
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 491

```
ctgagggtga cacttcccaa atctcctcag tcctgacccc ggcatcatgc atcggaccac    60
acggattaaa atcacggagc tgaaccctca cctnatgtgt gccctctgtg ggggctattt   120
tattgatgcc accaccattg tggaatgctt acattccttc tgcaaaacct gcatcgtacg   180
ctacttggag accaacaaat actgccccat gtgtgacgtc caggtccata aaactcgacc   240
actgctgagc atcagatcag acaaaaccct ccaggacatt gtctacaagt tggtgcctgg   300
gcttttttaaa gatgaaatga aacggcgacg ggacttctat gcagcatacc ccctgacaga   360
ggtccccaac ggctccaacg aggaccgagg cgaggtcctg aacaggaga agggggctct   420
gggtgacgac gagattgtca gtctttccat tgagttctac gaaggcgtca gggaccgaga   480
ggagaagaag aacctcacgg agaatggaga tggggacaag gagaagacag gagtgcgatt   540
ccccta                                                               546
```

<210> 492
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 492

```
gactgaggtc ttgtccaata aacatgtggc tcctgaccac ctactacaga tatgccagcg    60
catcggtccg atgctggata aggaggtccc gcccagtatc tcaagagtca cttctttgct   120
tggtgcagga aggcagtctt tgctacgaac agcaaaaggt accttaattt gaagaagtgt   180
tgngctttgt attagtagct tacattgcag ttgggaagct gtgtaaacac cgtggaaggt   240
ttgcagtgcc atggactgac tatacacttc tctgcattag tgnaagatct ccgaattttta   300
nccatgcgct tgatgggtcc tcccntttca naaaacgtaa aatgttaagc ctgaaaagct   360
tgnagttnaa catggggctt ggaggtttta tcaanggnga gtncttaatt tttttccatt   420
ttggaa                                                               426
```

<210> 493
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 493

```
ctgaggatcc actgaccttg anccactcca aagctctctg gagtcagaat cagctggctt    60
cctctagccc cactccagga tcttttcccc agggcactga aagcctcagc ccttggcaga   120
tangaaacgt ctgggcaagg gtnnacaggc acactggcaa cctgtgtgag taangagcgc   180
acactgaact gcccatnnca ccaacaccct cctttaccct ctcctgntcg ctctnggccc   240
tattcttgct ntgtgtgtgg aaagaggttt tcactcaagc atnagatgga gacacattac   300
cgagnccaca caggagagaa gcccttgtcc tgtagcccta tggtcctcag cgctcncggg   360
atttctctgc catgaccaag cacctgagga cacatggggg ctgctcccta tcgatgccct   420
ctgtgcaggg atggctgccc tagcctggcc ttcatgnagg ngcacatgcg tgggcact    478
```

<210> 494
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 494

```
attgaggaac agaggttaca cctgggcccc gagaggctct ggaaactcct ccccaagcac      60
aaaacccaac tgtactaagc tttttgtgag ctatttcagc ccagaatggc tgtggaatcc     120
agagcaattt caacctttaa aacctcagga ccatcaagaa gaattaatnc tagtgaaaat     180
ngaagatagt agcttttctt gaagtcagan atgtaaacag aatgggagng cccaaatctt     240
gccnggaatt atttcgccag caattcagga agttttgcta tcatgaaaca ccctagggcc     300
ccgagaggct ctggggcgac tccaggaact tttgccatca gnggnttaat gccagagttg     360
cacacaaagg agcagatcct anaactgtta gtgctggagc nagtccctga gcatcctacc     420
tgaagagctg aagatanggg gttcaacaac atgg                                 454

<210> 495
<211> 104
<212> DNA
<213> Mus musculus

<400> 495
ggcctctcag ccccaagaaa gaccgtgtga atcattgtct aacaatatgt gaaaacattg      60
tggcacagtc tctcagaaaa caaagaagaa gaagaagaaa aaaa                      104

<210> 496
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 496
actgattcgg tattctaaag aaatggaccc ttccttccaa atgagaactg catatggacc      60
acaggacatc tatacagtga aagctgtgct tctggggctg gagagatggc ttgaaggtta     120
agagcactgg ctgctctctc agaggaccca ggttcaattc ccagaaccac atggaagctc     180
acaactttct gtaactccgg ttccagggga cccggcgcac atgcaggcaa aacgccaacg     240
ctttagaata aaantaatta aaagagaaaa aa                                   272

<210> 497
<211> 102
<212> DNA
<213> Mus musculus

<400> 497
gactgaggtt agattcagaa caagaaagtg gacatatcca aggtctcctc caagtgtggg      60
tccaaagcta atatcaagca caagcctggt gaaaaaaaaa aa                        102

<210> 498
<211> 349
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 498
ctctgcacac tactgaactg gaccgangnt atatccagga aacgcttgta agtggatcga      60
gctaccactg ctgcctccta tgaactgaac tgatgatttc ctgacaangc agatgggatn     120
tactccaaag ancaactgct aaacaggncc acttccctgg tatcctanta acctttcttt     180
tntactcgct ctggnggatg atgggctana nggaaggtta nagcatttaa gancctatna     240
naagagccgg gngtggnggc acntgccntt natcccagna ctanggaggc agaggcnggn     300
ggatgactgn gtttgaggcc ancctggngt acagagagag tgccaggac               349

<210> 499
```

<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 499
```
ttatctcagg ccggtcctgc cccgggggac ctgctcctca acgacatcat ggtgnccctg      60
gnccnacctt cttncgccag caggatgggc tgctacgggg tggctacnag gcacaggaac     120
cgctctgccc ggctgtgcca ccgaggaagg ntgtcccagg cantagcttt acctatgtca     180
ntgaggactt ncggacagag nctcctccca gccccagcag agatgttgaa gatccccggg     240
aacatcaggc acacaatgcc cacctccgtg ggcccccacc aaagctcatc cctgtntctg     300
gaaagctgga gaagccttgg ntgncctgna actaactggg cagaccaggg ctgncctgna     360
nctcacagag atctgtttgc ttntgcctcc cgagggctag gataaaaggc att            413
```

<210> 500
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 500
```
gactgagatt ctccaaacac atagataaac acanagatcg anaacaccgg cataaggagc      60
acatgaagga taaggataag gaccgggaaa agtctaagca tagcaacagt gaacataaag     120
attctgaaaa gaaacacaaa gagaaagaga aaaccaaaca caaagatggc agctcagaaa     180
aacataaaga caaacataaa gacagagaca aggaaagacg aaaggaggaa aagattagag     240
ctgctgggga tgcaaaaata aaaaa                                           265
```

<210> 501
<211> 377
<212> DNA
<213> Mus musculus

<400> 501
```
gactgagggt tcttaaggcc cgccccgccc caagccccac ccacagcgct ggccccgccc      60
accatgtcga tgaccatctt gcgcaggctc tgccgctggc gcttgctgag gttctggaag     120
atgtcgcagt tctcttcttg cagcagcttg aatcccacag ccaggtggtg gttctcaagc     180
acagactcat cgttgtacat caatgccagc tccgaatctg cagagtacca cgtggtacca     240
cctgggtacc aagccccgcc ccgtgcgcgc ccagtctcca gttggcttca ttttcagact     300
gactagtccc agccccctcc tctgccacat cggtgcttca ccaaataaac caagcatcag     360
gcgcctaaaa aaaaaaa                                                    377
```

<210> 502
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 502
```
gaactgagag ctcttccctg ctcttctggn cagccagtgt gtgcagaatg ccccacaaga      60
ttggatttgt agtggtcagc tcctctggac atgaagatgg cttcagtgcc cgagaactaa     120
tgatccacgc accaaccgtc agtgggtgga gatcaccaaa gtaaggctgg gctgaggggt     180
```

```
gggcatgaga gcgcatctct gagtgaatac atggtgggct ttacacctcc tggtccaaaa    240
acatgaaatg catgtctaga cagctatatg gtatatttca gtgaaaacta aattaaatca    300
ttaaaattaa agtacaaaaa aaaaa                                          325


<210> 503
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 503
gaggttcctg aaggcttcaa aggaaacctg atagaggagg ctcaatggcc ctgagtgaag     60
atgaggctga ggcagaagtg tctgtcaaca caaaggtccn atcctgtggc aagatggagg    120
aanacaggcg ttgctgcctt ccaggancta catnacagct nttcaatgcn ttctggaact    180
ataactgtac tnntcatgca caggaggntn nacantgnan nacttccntg ctaccnctgt    240
gatccatgtg aggtgtt                                                   257


<210> 504
<211> 152
<212> DNA
<213> Mus musculus

<400> 504
tgtgtgcaca gctgcccacc cagtactgga cagcatcagc atcattgaca ctcctgggat     60
cctgtctggg gagaagcagc gcatcagccg agatttattt attattatac agtgtactat    120
ataataaata aataaatctt taaaaaaaaa aa                                  152


<210> 505
<211> 395
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 505
acactgcaga ggaaacccga attgcttggt tggcattggc gagcacattt ggttaggaga     60
gatagatgag aatagttttc atagcattga tgatcccaac tgtgagagga ggaaaaagaa    120
ttcctttgtg ggcttgacta acctgggagc cacctgctac gtcaacacct ttctccaggt    180
gtggttcctc aacttggagc ttcggcaggc gctgtactta tgccccagca cctgcagtga    240
ttacacgaag ggagatggga tccatggggg aaaagattat gggcntcaga cttgnnnnna    300
ncatnttaaa aacttgttag ctttgttgca aaacaagtaa caanacgata catnggatcc    360
ttcaggattt gttaaagcct tgggcttaga tactg                              395


<210> 506
<211> 475
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 506
tattggttac cgtcagagct agantcccat cactgtcctt caaaatgcaa tggaatgtac     60
cacggactat gtctcggctg gcactcagga cattcgtgga agcacagaaa gccaggctct    120
```

```
ttgatcacca ttggcgcata aaagggccgt tacttgtgca tagaggtgaa tacagagttg      180
gcttggacac cacaccttcg aaagcagngg ctacatttat ctgctgntca gtgccttgca      240
nagnaaagga atctcttaaa tgctcaagcc gcgctaagtt ggggaccctt gcgccaggaa      300
acgaagggag nngnacattt tattccaana gggtttttat cttccagntc cacatcccag      360
ganactncat cagaaaanga aggnagaaac cnggacnctt tacaanacaa cttctatcag      420
gnctgtatca accggtntaa gaaagacatt tagacaatta tgggaaaagt tggta          475
```

<210> 507
<211> 487
<212> DNA
<213> Mus musculus

<400> 507
```
gactgagata ccattaacaa ggacactaag gttcccaacg cctgcttgtt caccatcaac       60
aaagaagacc acactctggg gaacatcatt aaatcgcagc tgttgaagga cccgcaggtg      120
ctgtttgctg gctacaaagt ccctcacccc ttggagcaca agatcatcat tcgtgtgcag      180
accaccccag actacagtcc ccaggaggct ttcaccaacg ccatcacaga cctcatcagc      240
gagctctccc ttctggagga gcgattccgg gtggccatca aggacaagca agaaggaatt      300
gagtagcagc tgaaagaagc gttgcttagt ggctggaagg ctggcacata ctcctcaggg      360
cccttcagtt taccacatgg cgacagccac tctcagctct ctagctgggc acggggctct      420
gccccattct gtacatagac tgttgttttc ctaataaaag cagagcagaa aatgggaaaa      480
aaaaaaa                                                               487
```

<210> 508
<211> 455
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 508
```
gctggaatta cagtttccca ccgttcgtgg ctcagattgg gtttttgaag ttgatcaagg       60
agccacggcc tncagcacag ccctactgcc agcaccatca gaggttctga accaccccgg      120
gaacgctcaa ttggggatgt caccacggca ccatcagagc ctctccatcg cccagatgac      180
cacaatttga ccaacttaat cattgaacat ggcggtaagc catctnggaa ggccttccca      240
gtcctggaca ttgactaccc tcacgtgcgc acaccctttg agatctccct ctggattctc      300
ctggcctgcc tcatgaagat aggtaccgag cctgctggct tgccgaagcc tcctgcagtc      360
ctgcactgaa gaaccatctn ctccctccaa gctgctttn ttttccttt gccttttcn       420
aaanatcnat tttattttat atatatgaag catcc                                455
```

<210> 509
<211> 514
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 509
```
agaccagtgt ctcttcacca gcacccagng taaggtctgc tgngccatgc tgatttctga       60
gtctcagaag ctggcgcatt accaggtagg caatttctac tgtcttcgtg cgcttacctt      120
ccaggcccag cactaaggcc tcgctgcttc tgccttacac agtanaagct ccttgcacag      180
ntaccagatg tttccttcat acgtgtttgc tagggctnga aattgactta gtttctgtga      240
ctgncatctn gcccatgcaa gacagtatcg ttgnatgcan atcttgccgg acaacgtgat      300
gcantaggaa gtntgagctt tggctttacc tanaccagaa tttgaagcca accccgttat      360
tcattgnagg caagaaattt caccatactt ggccttagct tcatcttgta cacaatanca      420
gtgttntcat agattgtngg aggctaaatt taatagcatg taaagggcct agcacatggt      480
agggactcaa taaataaagt tttcttcccc caca                                 514
```

131

<210> 510
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 510
atgtgttctt ataagcacac acagnggctc acacctgtng gcccgttctt gggaagnaga   60
ggtgggaaga ttgctgtann tnganaccaa cctgggctaa gnacattana gggaccctcc   120
tttaaaaggg gaanntatnt tcctcattgg aagaaca   157

<210> 511
<211> 444
<212> DNA
<213> Mus musculus

<400> 511
gactgagctt cctcattgtt ctggtctgcc tcatcttcag tgtcctgtcc actattgagc   60
agtatgccgc tctggccacc gggaccctct tctggatgag gacccatgga agacttctga   120
agccgatcac ccatggagct cctattaaaa gaaaggacat gcatgcctta cactattgag   180
acagatgtgg gtgttctctg atccgaactt actgcaaggg ctgctagtgt ttgcctggca   240
tacatgaatc cctgggttca atctccagtc tgtataaact gtgcacagtg tacacacctg   300
tgatcctagt gctgggagat gaagagagag aggagcactg gaaggtcaag gttatccttg   360
gctacataga gtttgaggtc agcccaggct ccatgagact ctgccccagc aatagcaaca   420
acaacaataa caaaaataaa taaa   444

<210> 512
<211> 508
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 512
gaactgaggc cctgancttn atcatcttct tngcttcacg gcctccatct ctgcctacat   60
ggctgcagcg ntgctagagt tcctcatcac actggccttc ctcttcctct acgccacgca   120
gtactaccag cgcttcgata ggctcaactg gccttgtctg gacttcctcc ggtgtctcag   180
cgccatcgtg catcttcctg gtggtctcct ttgctgctgt gacctcgagg gagggagctg   240
ccattgctgc ttttgttttt ggcatcatcc tggtctccgt ctttgcctat gatgcattca   300
agatctaccg aactgagctg atgcccagta ccactgaggg ggaccagcag tgattccagg   360
gttacctggc tcccacgacc agacacaagg aaccgnggag cccatctttg tcatctttga   420
attcaccgaa ccccaagtac ccaccatcta tattccacgt tttcaganat gngcgcttga   480
naagncccag gcacctgggg gaactggg   508

<210> 513
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 513
gactgagttt taagctataa cattaatcat gagtgaccaa atcaaattca tcgtggacag   60

```
cctcaataag gagcctttta agaagaatta taacttaatc acatttgatt ctttgggacc      120
aatgcancta ttgcaagttc tcaatgatgt cctggctgag attgacccca agcannatgt      180
tcatatcaga gnggnnatgc cagagcagac ngccaaacga ctgatgaatc ttcttggtnt      240
ccttncgnac aaacctccgg gaaatgccac ngacatgagc nccttccgtc angncttggt      300
gattggaagt aaacctgtna ttaacccagn gctccactgg cttcttcagc ggagtantga      360
actaaagaaa agggnntatt tagctngttt cttaataaaa ccggaggtgc caagtgagtt      420
tctt                                                                   424


<210> 514
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G


<400> 514
gactgaggta caccaggggt tggaaaacca cactaggcaa agaacttgca tcaagatcag       60
gcctgaagta cgttaacgtg ggagatctag ctcgagaagg gcanttatac gacagctacg      120
atganganta tngntgnccc atnctaaana aggataggga tgcacnatna gttngancat      180
ctcctgcagg atnggcggga ttgnttgtng attacccacg gagtganact tcttnnccna      240
ncgctgggnc tatntantgg tnagcagtca gtgancagat gatggtgtat tgtataacac      300
gacttgctac                                                             310


<210> 515
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G


<400> 515
gactgaggga aagtcatgga ggcttcagga tcttcttccc agtctcaaga cagtggtgga       60
gtccacaggg aaacggaaga tcactgnncc gaccatgggg ancacggaan atnaagggaa      120
ngcccntgag cnatatanna nagacaagtc ttcctcttca tcctcatnct cntcatcttc      180
ttcctcctct tcctcctcat cttcttcctc ctcctcagac agcagcnatg aggaccagcc      240
ctccnnaggt cccagganac acanaaggag gccccncagg gacagcttgc gtggtgccga      300
ccatggggaa ctggaagtgc taaaggacga gcttcagctc tgcggaggtg gtg            353


<210> 516
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G


<400> 516
actgaggatc cttccttgat gacctcgagt ctatggagga gtccatgtct cggagcctgg       60
gcaagcctgc cnagtcctcg aagcagnacc tgctggcagn tcatcctcgn aatatgaggc      120
gctggatcgg gagcttccgt gtatcacnaa aattctcana accnccctct gcccancccc      180
tctgcctttg catggagact taggaagact ttacacacgt ggaggcgctg caggctttgg      240
aggtcganct gnccggngnc atggaaagcg ggcgcgttaa cagtattcgc tacganaata      300
tgaatgtcat ctgnggnact gcgggccgna gggacaggng gctnatcacc gtcacagact      360
tccagacgcg gtcacgcctg ctgcgctccg ggctcaccct ccgtggaacc gngtacccac      420
tggtgcgcca cgacgattta ctgctggggg actaccgttt gcacctgcgc cgctctntgg      480
```

nncnaaaggc gcatgctcga agccctcggg gnggagcctg ccgacgaaga ttgac   535

<210> 517
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 517
gactgagact cccttaggtg ctaatcattt aactgcaagc atgagtggat taagtctgca   60
tccagaggga ctaagagttg tcaatcttct tcaagaaagg aacatgcttc cttccacacc   120
actgcagcct ccagtcccaa atctgcttga agacatccag aaactcaact gtaacccaga   180
gttgttccga tgcacgctga cgagtgtccc tcagactcag gccttactga ataaagccaa   240
gcttcctctg gggctgctgc tccacccctt caaggaccta gtgcagtngc ccgtggncac   300
ctccancaca nttgggagan gccgntnatg caggacttac attaacccct tcg   353

<210> 518
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 518
tctgagcctt ctggccgggg ctccccgggn cctcgctgtg ggtgatgact ataccaaccg   60
gactggtgct gtgtacctgt gtcccctcac ggcccacaag gacgactgtg aacggatgga   120
catttcagag aaaagtgaga cgagcctgag ggcagagcta agtcgggagc ctggcagagg   180
gggcccaaag gggagatacg aggttagctt gttagggagg caacatttga agctaagggg   240
aaaagacagc gagatcaagg ctagatctac tatgggctac atagtgggtt gcagaatagc   300
ttgagatgta aaatggagat cctggctcaa aaagcaaaac aaaacaaa   348

<210> 519
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 519
gactgagatt tgccgagagg ctgagttctc tataggaaca cccacatttg tatggatgag   60
tgggaaaga tagctgcagc agacaaggaa aaagcgtcct gacctcccga gaacatgagt   120
atgctaaaac ccagcggcct gaaggcccct accaagatcc ttaagccggg aagcacagcc   180
ttgaagacgc ctgctgctgc tgcagatcca gnggagaaga caatacccag tgagaaagcc   240
tcgggccctc catcctctna gaangntgat gaaaatgata aattttnctc tggagtagaa   300
naaantggga gtgatgagcc agccttcgtg tattacatga atgatggtgt ttatggttct   360
tttgc   365

<210> 520
<211> 165
<212> DNA
<213> Mus musculus

<400> 520

134

```
gaggacctga accaggcccc ccaacccaa gcagatgagg ggcctccagg ccgctccatc        60
ggggggatct cacccaacct gggtgccttg gacttgctag gcccagccac tggctgtctg       120
ctggacgatg gactggaggg cctgtttgag gacatcgata cctcc                       165


<210> 521
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 521
ctgggagtgt ggcaggaaga agagctactg natgcatggc tacattaggg nnngaaaatg        60
agttgngtna acactaagac cagggtgcct ttcngaagga agatcttnaa ctaaatatga       120
atgagggnnn naantttttt tgtaattata aatgggagaa naaaatttat gaaatgtntg       180
tcatnagcac attgattata aatgtctttc tgtnggaaaa aaaaccattg                   230


<210> 522
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 522
ggtgcaagcg tctcctgatg aaatgtattg tgccccactg ggctccaaag gcagnatctg        60
gcgctgttga tgcccttgtt ggaactttcc agagtcctaa gcccccccatg ctgtaaatag      120
tctggtcgtc agagtaggga ggagcccggg cttctgttta tgtatgtatt tatttattta      180
ttatttattt attacaccta ataataaaaa ggtgctca                               218


<210> 523
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 523
gactgagctc ggattgggaa aatgaacgga ggaagcaaga tgaagggcag ntntgtnccc        60
tgtgcatccg tcccctggca ggatcgganc aggagatnan tanncatgtg nagcactgcc      120
tggctaagag ggaaggctcc tgcatggctn aagatgatgc tgtggacatn gagcatgcgg      180
acagcanccg ctttgaggaa tatgagtggt gtgggcngaa gcgnatacgg gccnccacac      240
tcctggaagg tgnnttccca ggtataaagc nnntganaac ttgggtggtg gnactcnggn      300
naccaggcca cttctgggan cnggacannn tttccaccac gngggagctc ttgctcgtgg      360
ggctcctttg ngaccgngct gcccgcctgt gatgtgcata ttaaagnggn tgtatttggg      420
tggggaa                                                                 427


<210> 524
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<222> (1)...(452)
<223> n = A,T,C or G

<400> 524
gaactgaggg atagcgtggc ccagtcgtct tctttgtgga ctatgcagtc taactgctta   60
tatatggaag aaatcgaaga ctcggtgact gttcgggatt atatccaatc cactatggag   120
actgaaangg accccagng cctcttggac ctggccagga ggatggngcn ggttcttggc   180
cggaatgcac gancaagacc tcattcacgg ggacctcacc acctccaaca tgctcctgag   240
gcggcccctg cgcagctgc acatcgtgct catcgacttt gggctgagct ttgtctcagg   300
actgccggaa gataaaggcg tcgacctcta tgtcctggag aaggccttcc tcagcacgca   360
cccccacacc gagaccgagt ttgaagcctt tctgaagagt tacgggggcct cgtccaagaa   420
gtccagtcca gngctgaaga agttagatga gg   452

<210> 525
<211> 466
<212> DNA
<213> Mus musculus

<400> 525
actgaggtcc cttaggagga acccttgag ctcccggtct aaaacacgtt atcgccagtg   60
tgagggctaa atggtgtgat aacacccaag agccaggaaa tggcaacagc cttggagcca   120
gaggaccaag atctttggga agaagaagga gttctgatgg tgaaactgga ggatgatttc   180
acgtgcgggc cagaatccgc cttggagggc gatgatcctg tactggagac ctctcaccag   240
aacttccgac gctttcgata ccaggaagca tcaagccctc gagaagctct catcagactt   300
cgagagcttt gtcatcagtg gctgaggcca gagaggagaa ctaaggagca gattcttgag   360
ctgctcgtgt tggagcagtt cctcactgtc ctgcctggag aactgcagag ctgggtgcga   420
ggccagcggc ccgagagtgg cgaggaggca gtgacgctgg tggagg   466

<210> 526
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 526
tgcaccatac atccgagagt ttcgaggacc ctccganatg ctcactccta nancaagagc   60
agaaacccgg gaagaacgca tggagagaaa gagacgggaa aaaanngcg gcgacagcag   120
gaagtggaga cagagctgaa aangtgggac cctcacaatg at   162

<210> 527
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 527
gactgagttt gtgaagtgtg gatatgcagg ctctaatttt ccagaacaca tcttcccagc   60
tttggttgga agacctatta tcagatcanc caccaaagtg ggaaacattg aaatcaagga   120
ccttatggtt ggtgatgagg caagtganct gcgttccatg ttggaagtga actaccccat   180
ggagaatggc atctgtgcgg aattgggatg acatgaagca cctgtgggac tacacatttg   240
gaccagagaa actcaatata gacnccagaa gctgnaagan tttacttaca gaacctccca   300
tgaatccaac caaaaacaga gaaaagattg tnnaggaatg gttgaaactt accanntttt   360
tggggtgttt gaacccttca   380

<210> 528

136

<211> 314
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 528
gctaaacctc taaatgtggn cgcacatnct caattaaang gttanngttt nttnnatann   60
tgnccttggg cagttactat gagctacagg ntctgcctca tctagtcctc cgcatacagc   120
ggggagggtg agacttgggg atgcgcccac ctcaggccca tgcatcacca gatgggctct   180
cacatgacca ttacacacac tgatggtgac actgtatcag aaagccactc agctttgcct   240
tttaactaaa tctggacctg cttgccacaa ctatgtaacg naagcctcta actactaatt   300
tctgaagaga agct   314

<210> 529
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 529
actgagagaa gaatggaggg cagtggaaag ctcgcatggt agaggatgct gtggagtacc   60
atctcttcct gataccagat aaagccagag gcacagaaga gcacagagag attcttcaga   120
agtacatttg aacggataat gacccagttn gnacccatac tgggancctt tatatctggc   180
agaatcagcc tttcaatctc aaatacaagc ctgcaaaagg gaggtgttcc tgctcatatg   240
tacggnatga caaagttttg gagataacat tgaggatgaa tgggcntatt gtttatgtaa   300
taaaggcaga ttaca   315

<210> 530
<211> 278
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 530
gactgagatg ctgtcacatc tggagctgac tcttcaggca tccaancaaa atggcacgga   60
gacccaggag gtgttcctgg tcctcgtttc gaacaaaaat gtcttcgtga agttccaggc   120
cccggaaatn ccattgcact tggcctacga ctccagcctg gtcatcttnc aaggacagcc   180
aanagtnaac atcacagtgc taccatccct tacctccagg aaacagatcc tcgactgggc   240
agccaccaag ggcgccatca cctcgatagc agcactgg   278

<210> 531
<211> 409
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 531

```
gactgaggtc caagcatgga aagtcataaa ccangnacta gcaaagatga tttaatactt      60
aatatcatat ccagaaaaat taaacaactt ccagantcag acaggaatct gcttgaatat     120
ggatcancat atatnggact taatgctgct tttgggggcc taataccana cagtctattt     180
cggcgaatct tgaacgngac acaagctcga ttagcttcta gcttaccaat ggctgtgatc     240
ccatttttga cagcaaacct gtcctaccaa agtcttgtaa gtttaccttt gagtacaggt     300
gatttgaact gtgaaacctg taccacaaca cggggtgcac tagttggttt ggttatgggt     360
ggtctgtacc ctatcctttn ggctataccc gnnaatgggg gccttgctg                 409
```

<210> 532
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 532
```
gaactgagtg cccaagatgt atgcagtgtg atgccaagtt tgacttcatc accagaaagc      60
atcactgccg ccgctgtggg aagtgcttct gcgacaggtg ctgcagccag aaggtgccac     120
ttcggcgcat gtgcttcgtg acccagtgc gccagtgtgc tgactgtgcc ctggtgtccc     180
accgagaggc ggagttttat dacaagcagc tgaaggtgct cctaagtgga gctaccttcc     240
ttgttacttt tggggactca gagaagcccg agaccatggt ttgtcgtctt tccaacaacc     300
agaggtgctt ggttctggat ggggacagtc atcgtgaaat cgagattgca catgtctgta     360
ctgttcagat tctcacagaa ggcttcactc ctggagcagg cancacccga gccantggca     420
tgctcctgca gnacacagtg ccaggggcag aggctgcagc acagctgang ctgatggccc     480
ggagaggac                                                            489
```

<210> 533
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 533
```
gactgaggct gactcatgcc gatctggctg aagcctggct gntcctgcta ggtcgtcgtg      60
ccactactac tgctatcccg acgctactga actggactgc tagtatattc atgaagtgtt     120
ttcaagtgga tccagctgcc gntactgacc agtgaactga actgctgatt tcctgacaac     180
acagatgaga tttgctccaa agaaccattt ctaaacaggg ccacnncctc catatcctaa     240
tagcctttct tttctacctt tggngggtgg tgctctataa gggagggtaa ac            292
```

<210> 534
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 534
```
gggagacctt ctggtagttc tgttctgggn cccttancca gagttccacc agccacaccg      60
gtggntcgaa tgtntgagca gagnaacgtg aactccgagc ctgaggagga ggaaggaggc     120
ctggaagatg aagatggaga tgatgat                                        147
```

<210> 535
<211> 487
```

<212> DNA
<213> Mus musculus

<400> 535
gaactgagag ggttcccctt gcaagcatat ccaggcggcc cttgtcccac cattgcataa    60
tataagctac atcgtggata tgatctaggt cctcggagtg tctgttctca tgctctggac   120
cagactgaga atagaaagga gcctggctat ctgagagatc ctgtcctgca actggctgtt   180
ctggggctag aggatgtgga cgtgaccatg gactacactg gtatatattt ggtagaggac   240
agctctgctg aaaaatattc tactgtgcac aagaactctc aaaagaaagt tatctggggc   300
tggaacattg gcagctaaga gcactgactg ttcttcggag gtcctgagtt caattcccag   360
caaccacatg gtggttcaca accatccgta atgggatctg atgccctctt ctggtgtgtc   420
tgaagacagc aacagtgcac tcacatgtat atgtaaaata aataaataca tctttaaaac   480
aaacaaa                                                             487

<210> 536
<211> 132
<212> DNA
<213> Mus musculus

<400> 536
gactgaggtg tgcgccttga ccgagttcga ggaggccgcc agaagtacaa gcgacggctg    60
gattcggaga acagccccta cctgaacctg ccgatttccc cacctgctaa aaagccattg   120
aaaataaaaa aa                                                       132

<210> 537
<211> 486
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 537
gactgagcct agtcattgtt ggctacgagc aatggtaata caattatcac tcagcttgac    60
tactcttctg gacaagttct caaatatttc tgaaggcttg agtaattact ccatcataga   120
caaacttggg aaaatagtgg atgacctcgt gttatgcatg gaagaaacg caccgaagaa    180
tataaaagaa tctccgaaga ggccagaaac tagatccttt actcctgaag aattctttag   240
tattttcaat agatccattg atgcctttaa ggactttatg gtggcatctg acactagtga   300
ctgtgtgctc tcttcaacat taggtcccga gaaagggaag gcantcaagg nntcnntgga   360
ntactgnnna cagtgagatg gaacnntnnt anncttnccc tgctggatga ncngaatgtg   420
tngctannga aagaantngn gggactttnt gctacaaagg tctncgcngg ctcgggactg   480
tcctta                                                             486

<210> 538
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 538
gactccacag gaggcctaca nacagngggc tantccagcc acgctctang aaccatnaca    60
aaccnttnct ctttataaga aattggctca ngcattaccg atgaaaagct gtgtaacaca   120
ggctttgagg cataaaaccg atttctatta aatgtagaaa caaaatgaaa aaaa         174

<210> 539
<211> 339
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 539
```
gactgaggtg acagtacaga naagtaccac aaacgttatc caggcanctg actgacatgg   60
tgagacagct tgtagacgat gtcaagagcc ttnaaacgca nagacccaac ttgngatctg   120
gacaggacaa tgcacaaggc accccaccca cggctggnna gatggctcag cgattannan   180
cactaactgc tnttctgaag gtcctgagtt caaatcccaa caaccacatg gtagttcaca   240
accattccta atganatcag atgcactctt ctggtgtgtc tgaagacagc tacaatgtat   300
tcacatataa taaataaata aatctttaaa aaaataaaa   339
```

<210> 540
<211> 531
<212> DNA
<213> Mus musculus

<400> 540
```
gactgaggtt ttaatgtgga aacagtagaa tataagaaca tttgtttcac agtatgggat   60
gttggtggtc aagataaaat taggcctctc tggaggcatt acttccagaa tacccagggt   120
ctcatttttg tggtagatag caatgatcgt gaaagaatcc aggaaggagc agctgtgctg   180
cagaaaatgc ttctggaaga tgagctgcag gatgcagtgc tgctcctttt tgcaaacaaa   240
caggatctgc caaacgctat ggccatcagt gagatgacag acaagctagg tctgcagtct   300
ctccgaaaca gaacatggta tgtccaagcc acttgtgcta cacaaggaac tggtctgtat   360
gagggactgg attggctgtc aaatgaactt tcaaaacgtt aaatgaagct ggatatctaa   420
ccaaggacat gtttgataga attggtctag gcttgttaca acaaaattag tttgcatctt   480
ggttattaaa ggatatctga dacaggtttg ggcagaaatt acagcgttta a   531
```

<210> 541
<211> 158
<212> DNA
<213> Mus musculus

<400> 541
```
gactgagtta tatccgactt tatgggagaa aatttagcaa agaagatcat gttcttttta   60
ttaagttact gtatgagctg gtatcaattc caaaactaga aatcagcatg atgcagggat   120
ttgcccgtct cttgatcaac ttgttaaaaa aaaaggaa   158
```

<210> 542
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 542
```
cctcctgggc tggggttcgc tgctcatcat gctcaagtcc gagggctttt actcctacct   60
gtgtacgaag ccaggtgana tgggcgcctn nntcgggngc aggtttctgg agtggntctt   120
tgggagaggg ctgctnggtg gtgaanacgt aanccagnta tgcctgcttg ctgaacagtg   180
cctctangtg ccnnanngnc cattntgatc ctnanccngc tatctgtgtg cntnnnatna   240
tcatngtccc tgtttggggn tggngaaact gaggctggga ccantcttcc nttntgccca   300
ngctgtgaga ctaatagact aatagactcc tgcgtgcgn cangaacgtt gntggccttn   360
tgntcttcca gggcctgcan cattgcttgc cttgcaaa   398
```

<210> 543
<211> 228
<212> DNA

140

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 543
ctcacagcca cccatagacc anttncaatg agaggcatct gacccagcag gaaacgaggc      60
ctgctnaaca gagccttgga tatggacgat anggattaca gtgaggcccg atggcctgtc     120
ngataagnac caccccccagt aaggcccagn aagtcncctc nagaagaatt gccaangaan    180
gtttcaanna gtagccntat gccngngtca cccttgcttc gaaggctt                  228

<210> 544
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 544
gactgagatt ttcagaatga tcaactagnt gaaatatctc cattgggtac tgaggaagtc      60
tcagcagtta gccaagcgtg gtttacaact aaagaagata aggattctct cactaacaaa     120
ggacataaat ggaagcaggg gatgtggtcc aaggaagaaa ttgatatttt aatgaacaac     180
atcgagcgct atctgaaggc tcgcggaata aaagatgcta cagaaatcat ctttgagatg     240
tcaaaaaaaa aaa                                                        253

<210> 545
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 545
gactgagact aaaatgtcaa aaagaaaatg gctctgttag cccaacagtt acccagacgg      60
ttcaactcag ttaagttgac tagcttcatt aaagccaaac aagtcaccaa acgctctgca     120
agagcaggaa aagccgtgtt gcccggcttc tcagctcagc ctctgctctc ctctgacacg     180
agctttctcc ggcgggggaat taagacttac aggactttgt tctggaatcg tttccattct    240
gccagcacaa ataggacaaa gagttctgcc cgaaagcact ctgcttcctt cagnggntga     300
acagcaggga gaggatnctt agtcttgaat canagcttgc cttttggaag aagnggacga     360
cctgcctcca t                                                         371

<210> 546
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 546
ctgaggcaca acccggtctc ccagaanagg agaagtgcct ggcgtggatt acagctttct      60
gactgtgaag gagttcttgg acctcgagca gagcgggacc ctgttggaag tcggcaccta     120
tgaaggaaac tattatggga cacccaaacc tcccagccag ccagtcagtg ggaaagtgat     180

```
cacgacggat gccttgcaca gcctgcagtc tggctccaaa cagtcgaccc ctaagcgaac    240
aaagtcctac aatgatatgc aaaatgctgg catagtccac ccggagaatg aggaggagga    300
ggatgtccct gaaatgaaca gtannnttta cagccgactn tggagaccag gacgagccac    360
ntctccaaga agcaccgcnt cccacctgtg aatagtagca tcctcgcttg ntcccatcac    420
gggacccttt ttaa                                                      434


<210> 547
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G


<400> 547
atggatacta caatggtgaa tttgtggact ctgtttgagc agcttgtgcg ccggatggag     60
attatcaatg aaggaaatga aagcattgaa ttcatccagg ttgngaagga cttcgaggac    120
ttccnaaaga agtatcaaan gacccaacca ggagctggag aaattnaaag acctattgtt    180
gaangcagag actgngctgg aaccgccctg gacgttaaag c                        221


<210> 548
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G


<400> 548
gatgacgtcc atatcttntc gnaagagagg gaatcagaag gtacttnngg gagaatagtg     60
atgcagcttt ncaccntcac ngcaatgaga ggattctgag gccttctgag nggaatcaga    120
gataccttgc caagtaatat gtaccagaaa aatggcttac atcatgggaa atacgcagtg    180
aagaaatcac ggnnaactga tgtggaagac cttactccaa accctaaaaa actacttcag    240
attggtaatg agctgcgcaa gctgaataag gtgatcagtg acctgactcc agttagtgag    300
cttcccttaa cagcaaggcc aaggtcaaaa aaaaaaa                             337


<210> 549
<211> 173
<212> DNA
<213> Mus musculus


<400> 549
gactgagagc tctgcacatc gagagactta aaaccacctg agatcatcag acaagtcaca     60
tacatgggac ttttgaatt attgccattt tgtatttta tcatgttatg tgtaaaagac       120
agtgcctatt ctgtgtttta ctgaatcaaa ttgacaatgt cagaaaaaaa aaa           173


<210> 550
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G


<400> 550
atcttcctgc tccagcctct tgaatggaat gctgtacata gactccagac cagctcagct     60
acttcctcct atgctcttga cacaaatgaa cactgaccac aaatttctat ttgtacaatc    120
```

142

```
tgtggatgtn ccaaaataaa ggaattggag ctgaaaaaaa aaaa                    164

<210> 551
<211> 105
<212> DNA
<213> Mus musculus

<400> 551
tttttccac tattattgca tgcagattaa aacgttaaga gcttttcttt ccccttaaaa      60
attctgaatt atgaaaataa acatttcaaa tttcaaaaaa aaaaa                    105

<210> 552
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 552
cacagactga gttttaagga cttcctgagc tgttntgagt tgttnactta tggatcttca      60
ctgcaagatg gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt     120
tggccttgaa ctcctacagg tggncctgcc tttgcttcct agnggctggg attaaaggtg     180
tgtatcacca aagagaaaaa aca                                            203

<210> 553
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 553
atactgattc tctgatttcc cagtaatgcc actcagttgc caatatcaag caagcgcata      60
taagacactt gtaatctttt aagaaaagta gtacttctct tcacagtatc tggcggatca     120
acactggagg gtgaggtgtc agcttccaga aagatcatca tgaagttata tgtgtttctg     180
gttaacaccg gaaccacgct gacatttgac actgagctaa ctgtgcaaac tgtggctgat     240
nttaagcatg ccattcaaag caaatacaag attgctattc agcaccaggt tctggtggtc     300
aatggaggag aatgcatggc tgcagatcga agagtgtgta cttacagcgc tgggacggac     360
acaaatccaa tttttctttt taataacaga aatgatctta ttgaaag                  407

<210> 554
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 554
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaag aagaaaaaga      60
agcatggnng tnatgannng agatcaagaa agaaaatgga gatgtaaaga ttttactgaa     120
aagtgggaag gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaaaa     179

<210> 555
<211> 219
```

143

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 555
cgttgaaaca tgcccgtcct tcaccanact gagcttccac agcgcggtgg ttggtacagg   60
actctccgtg agactgatgc tctatacaca ngagaaacng ctgtcttcan ancaaacaca   120
aacaaangan agttttcttt ccttcctatt ggcgcaatcc atacttattn caggaaattc   180
cttaagacgt ntagatgtaa aatacaaaac tgtgcacaa   219

<210> 556
<211> 750
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 556
gcttacaggt ggtgcagaaa gaagtctggt cacaactggc tacagtgaac gagctgggta   60
ccccaaggac atcttaccag ttccagccaa agatctgatc tacgtacacc tgcgtcatgc   120
tgagaccctc aagcctcact aaaagggtcc ctgcctagtt ctgtttacta atctgcctta   180
ttctgttgtt gttcccatgt aaagataga gtaaatgcag tattctccac atagagatat   240
agacttctga aattctaaga ttagaattac ttacaagaag aagtggggaa tgaagaatga   300
aaaattactg gcctcttgtg agaacatgaa ctttcacctc ggagcccacc ccctcccatc   360
tggaaaacat acttgagaaa aaacattttc tggaacaacc acagaatgtt tcaacaggcc   420
agatgtattg ccaaacacag gatatgactc tttggttgag taaatttgtg gttgttaaac   480
ttncctatt cccttcccat tccccttcc agtttgnggg nttttcctt taaaaagctt   540
ggggaaaaat ttttaagtcc gtcgtcgaga ctcctctacc ctgtgcttaa aggggtattg   600
aagtttcgac ccccanagct nttggnctgn ggnggctttc atggttggct ggntttattt   660
tcaaacccc aanaacttt gggccnnggg gggcttttaa tgnttgccta nctttaatta   720
aatcttaccc tttttacaat ttttaaaaaa   750

<210> 557
<211> 218
<212> DNA
<213> Mus musculus

<400> 557
agtcatgcag gaaaacctca gcatttgctt catcaggaga tgacgttaaa atatgggatg   60
cttcgttcct gacattggtg gataaattca accctcacac gtcaccgcat ggaatcagtt   120
caatctgttg gagcagcaat agtatccttt aaaaaaaagt aatcactttt tgttagtttt   180
caatgatctg tgcaactgtt ggcccataaa aaaaaata   218

<210> 558
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 558
gactgagggt cccttacant cccttaaaaa tccattctcc cttccttgct ccttgcagca   60
gtaacatgta tgagtaccat gcaccaactg atcgtgccat tggagctcct taaacagtaa   120

```
tcacaaccaa gctaggggaa catttgtatc cgataaaggg gtgggagtgc aggtttttagg     180
cactcctttg ggagaacaaa gaaattaatg taaataaaaa aaa                       223
```

<210> 559
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 559
```
aattgtctct tgagttccac tgggaatgcc cagtctgggg ctgtgagaaa cactgtatca      60
aagagatccc ggctcagcac ctgagacaca ggcatgaggc ctgcaatggg acagagcaac     120
cggaactcct aaagactgtc ttccaaagtt gtgctgggcc ttttgngggg aggaacatga     180
ctgtgtcatg gggaaaatgc atacatctgt ttttacttaa ca                       222
```

<210> 560
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 560
```
actgaggtag cccagagctc gagagctggc ttcctgacca tcagacaagc ttcgccaaaa      60
gtcttcacct aagcaaacag gagaaagaag ggnttctntg tgnnnccccg nctgtnctgg     120
ntctgactct gtacgaccgn cacaccnagc tggccttgaa cttaanagan ctgcctgcct     180
ctgtnctgac tgctggnatg gaagggatgt gccactactg agagcttgtt ttagtgctta     240
cancttgctn tgctgctaag ccagatgccc tgagtgtgat nctctagaat gacaaggtgn     300
gagagaacca attccccann ttatcctcac acccacacat gagntgcgnc aagtgctccc     360
acctctgaca ataaaaaaaa                                                 380
```

<210> 561
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 561
```
aggactgagg taaaatcaaa gacaaaatta aagcagnana gcacaaanag tagaagaaga      60
aaaagatgca taangtaatg antngagatc aagaaagaaa atggagatgt aaagatttta     120
ctgaaaagtg ggaaggagaa accaaaaac                                       149
```

<210> 562
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 562

```
gtctcgggct ggtgagtang gctcagtggg taagagcann cgactgctnt tccgaaggtn      60
cgaagttcan ntcccagcaa ncacatggct ggcgtcacaa ccntccgtnn cgagatctga     120
cgccct                                                                126
```

<210> 563
<211> 134
<212> DNA
<213> Mus musculus

<400> 563

```
atggattttc ctgtaaactg caagataacc gggacaccag tctcactcaa tccttttttgc     60
cgggaacccc ttcctccta ttaatgcatg ataatgaata ataataataa gaatttcatc      120
tctaaaaaaa aaaa                                                        134
```

<210> 564
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 564

```
aactgagcct atcctctact cctatttccg aagctcctgt tcatggagag ttcgaattgc      60
tctggcgtta aaaggcattg actatgagat agtgcccatc ancctcataa aggatggcgg     120
gcaacagttc actgaggaat ttcagaccct gaaccccatg aagcaagtgc cagcgctgaa     180
aattgatgga atcaccattg tccagtcact gancatagnn ctngaccgng ganaaaactc     240
tgactnngng ncccgttnct nccttagnna cctaacntac gagcnatcnn gcgcatgann     300
gntnanctcn tnnctggtgg anngcagncc cttngaaacc tgtctgtcct gaagcaagtg     360
gcacaggaga accagatgca atgggcccaa anggtattac ttccggnttt aacgctctgg     420
aaaa                                                                  424
```

<210> 565
<211> 341
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 565

```
tttcagctca gttacttatg gcttcccta aaattgcttc cctctcttgg ggacaaatga       60
aagtgcaagg ctctacntta acctataagg attgcaaagt atggccagga ggcagtcggg     120
cttgggactg gagggaaaca ggaaccgagc attctcctgg agagcagcca gcagatgnaa     180
aggaagttgc tgagaaaggg gtacagactc ttgtgattgg cagaggaatg agngaggcct     240
tgaaggtgcc tccgtcgatt gtggagtacc tgganaaaca aggcattgat gtgcgcngtc     300
ctccaaacag aagcaggccg ngaangagta taatgccttg g                         341
```

<210> 566
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 566
caccacagac ttccaggaga gctttgtcac gtcaggtgtg ttcagtgtca cggagctgat   60
ccaagtgtct cggacacctg tggtgaccgg aaccggaccc aacttctcac tggggagagc   120
tgcaggggtca cctggcatat gacctgaacc cggccagcgc cggcatgaga aggactctac   180
ccagcacctc ctccagtggg agcaagcggc acaagtcggg ctcgatggaa gaggacgtgg   240
acacgagccc cggcgggggac tactacacgt cggccaactc acccacgagt agcagccgca   300
actggacgga agacatagaa ggaggcatct catccccggg tgaanaagac agagatggac   360
aaantctcca ttnnacagcc cgtccccccca ggactccccc nggttntcca gcttnacaca   420
acaccacagg ccggtcatt   439

<210> 567
<211> 469
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 567
actgagcctc ctggtgcaag ctatatttaa tggtgatcca gatgaagtcc gagcactaat   60
atttaagaaa gaagatgtta nctttcagga caatgagaag agaacccctt tgcatgctgc   120
tgcctatctt ggtgacgcag aaatcattga gctgcttatt ttatctagga gctagagtta   180
atgccaaaga cagcaaatgg gttgacacct ttacacagag cagtttncat cgtgtagtga   240
ggaagcagtt cagatacttt tgaagcattc tgcagatgtt aatgctcgag ataaaaattg   300
gcagacccct ttacacatag ctgctgctaa taaagctgta aagcgccgct gaatctttgg   360
tacctctttc tgagcaatgt ggaacgtgtc ccgaccgagc anggaagaac tgnattacat   420
catgnagctt ttcagtgggc atgggcgana tgggcaaact actcttgtc   469

<210> 568
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 568
gtcttctagt aagaacaaag nctgangacn tgatctctca gctgcacnct aacctcctgg   60
gctccatgct gacctgtaaa gctgccatga agacantgat tcagcaggga gggtctattg   120
ttaatggggg aagtattatn ggtnagaaag gcacccgnng gccaactctg catacagtgc   180
caccaaagga ggactcgttg gnttntcacg ctcggttgct aaagaggttg cncggaagaa   240
aatgccngtg antgtgntgn caccaggatt tattcgcacg gatatgacnn tgacactgga   300
aggaaganca ctncnngana aacattcctc ttgggaggtt nngagaaact cntgagggan   360
cacatgccgt tgcgttttttt tttag   385

<210> 569
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 569
gactgaggtg gggtctttcn cccaagagga ggaagaagag aacctacggc atgacaagcc   60
cccctacacc tacttggcca tgatcgcctt ggtaattcag gccgcaccct tccgcaggct   120
gaaactggct cagattatcc gtcaggtcca ggcagtgttc cccttcttca gggacgacta   180

```
tgagggctgg aaggactcca tccgccacaa cctttcctnt aatnggtgct tncataaggg    240
gcccaaggac cctgcaaagc cccaggccaa gggcaacttt ttggncgggg gatgggagcc    300
tga                                                                  303


<210> 570
<211> 532
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 570
gactgagatg gtggctcgct gatttctccg atccctaatc cgggtcacag aatggttaaa     60
gcagctttaa gtanagagtg gattattttc ccctcagttt gtcttctgtt tgcggctctg    120
aaagaatgtt gtgggcgctc tttttcctgg tgactactat tcacgctgaa ctctgccatc    180
cagatgcaga aaatgccttt aaagtaagac ttagcatcag agcagctctt ggagataaag    240
catatgtctg ggacacggat caagaatacc tcttcagagc aatggnggca ttctccatga    300
gaaaagttcc caacagagaa gcaacagaaa tttcccatgt cctgctttgc aacataaccc    360
agagggtgtc gttctggttt gtggtcacgg acccttccaa caattatact cttcctgcag    420
ctgaagtaca gncggccata agaaagaata ggaaccggat caacagngca tttttctgg     480
angaccntac tctggaattt ttaaaaannc cttntactct tgctcccccc ga           532


<210> 571
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 571
tatttacttc ttgtggacct ctcacagatc angcngnnaa ggngnatagn gccttgnttg     60
cccaaggggt natggaagga ggtgtcntcc attccacctg ctganggcgc ctacagagga    120
gaataattca gaccncncag ncnngggtga ctaccagtcc ttggcctcag ttcctgcctc    180
cagatttctg ccttgagggg gctaccctga cttccctgga tgatgaacta caagntgtaa    240
gataaaataa acccct                                                    256


<210> 572
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 572
actgaggtct cctgctcacc agntgncttg acagttttc ttgcaacatt ggccattggt      60
tttcactgcc ttcaaaagat canaattact ccagaaattg gagagttgga tttaaaagaa    120
aaaacttgaa caaatggaca atatgtctat aacaaataca ccancaagta acgatgcctg    180
tctgagcatt gtacatagtt tgatgtgcca tangacaagg tggggaaagt gaaacctttg    240


<210> 573
<211> 350
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 573
aatgggatac gacacgggnc ttacacagcc tctcggaaac atatctatat tgatanaaat   60
acngaagatt atnttgcnca gggtttcaca aggcaaacag ggtacctttc acagccagna   120
nggctttttgg agtncggcac caaactcgtg gnaggaacca cttccngggg aagggggtggc   180
caagaagcac ctgggcttgc ccgntcttta ataccggtga agggaggccc aaaagangaa   240
aacagggagc naacgggttt ctggcattna tggcccctcc tccttttgct ggnngctgnc   300
attaantgaa ncannccgcn ncggaanatt cccttagggt tggggggcat   350

<210> 574
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 574
catgaacgtg ctggagccag tgtggttcaa ctcacctgga atctgagcac tcaggagtct   60
gaggcaagat tgccaagagt tcaaggccac cctcagctac atgggtctca aatactcaag   120
agttcactct gcggctgagg atgacctcaa gcctctgatc ttcctgctgg gatcactgag   180
agctgggatt acagcattgg acgcgttctc acgaccggcc aggaaagacg caacaaacca   240
gaatcttctg cggcaaagct ttattgctta catcttcagg agccagagtg caagaagcaa   300
gagagagaga aaacgaaacc ccgtcccttt tttaggagag ttatatttcg cctaggacgt   360
gtcactccct gattggctgc agcccatcgg cccgagttga cgtcaccggg gaaggcagag   420
cacatggagt gganaaccac cctcggcata tgcgcagatt atttgtttac cacttanaac   480
acaagctgnc agcgccattc ttgtaacggc gaatgtgggg cgc   523

<210> 575
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 575
gaactgaggc tttatggaag gcagtggtcg gancagggca gaatcctacc ctgacagcag   60
cacactggtc attgccgtgg cangngagga gacgactctg gtgtgtacaa cataaatctt   120
gaaaaatgga ggctggagaa gcacattcca ggcatcanag attaaggttg tggattatcc   180
ctggtccctc cagnggcanc caaangtgac anaangtgga agantgactg ggngcatcnt   240
gaanctggga agccgtgcgg ggcctatgat ggga   274

<210> 576
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 576
tatttgtata actttgcnag tgctgcaaca nagaagataa ctgaatctgt tacagaaaca   60

```
gctcagacaa tcaagaaatc cgtggaagaa ggaaaaatag atgatatcct tgacaagact    120
attttaggag attttcaaaa agaacagaaa aaatttgttg aggaacagaa tacaaaaaag    180
tcagaagcag ctgtgcctcc gtgggttgag agtcatgatg aagagacaat tcancagcag    240
attttggctt tatcagctna aaaatnngtg agtcgggctg gcgagangqc tcagnaggta    300
ngagctntga ctgctcttcc anaggtcctg ngtncananc ccannntcca catggtggct    360
cacanccacc catantagga tctgactccc tcttctagag agtctgaaga cagctacttg    420
```

<210> 577
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 577
```
cactatccga tgaagatatg accatggtgc tgaagaagac agcgacnngg angatcagga     60
cctggataaa atgtttgngg cctggcttgg agaactggac aggcttactc agagttgnga    120
tnctgacaag cccaaggaac acantaataa ngatctnctc ttnnccngga annaantatn    180
ngcaactttt nttnccgctt ntccatatac aacttgnatg aanctntgaa tnatngngag    240
actgtgnacc tggatnccct gatggctgac ctctgntcta tagagcagga gctcagcagc    300
attgnctcag gaaatagtaa gcntnacgtc acagaaccnt aaagttcctc agaagctacc    360
tgctgnccga catacgtcac aacatggcac cctgagagga ccgtcatctt cctctaatag    420
aacaactaaa ccttcccatg ctaactactc cctggatgac atcactgctc agttagaaca    480
ggcttcctcc tg                                                        492
```

<210> 578
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 578
```
agaagtctgt ggaatgttga gcatctgagg ggnaacatat ggnggcacca tcccaggcat     60
tccaaatgga tttggtcggg ctgttntatc aatacnngaa ganaataata tggacaactg    120
gtnaagagaa tgcaatannc ncagtncagc cccagtagcc caggg                    165
```

<210> 579
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 579
```
aggctccctg ctgccccatc ctggccacaa ctttgtgcgg caccatctta gaaaccgtcc     60
cgacctatat ggcccccttct ggatctgtgc taccctggcc tttgtcctgg cagttactgg    120
caatctcact ttggtgcttg cacagagacg ggacccctcc attcactaca gcccccagtt    180
ccacaaggtg accatagcag gcatcaccat ctactgctat gcgtggctag tgccgctggc    240
gctgtggggc ttcctgcggt ggcgtcaggg cacgagggag cgcatggggc tgncaccttc    300
ctgganacag tctggngtct acgggctact cactctttgg nttcatccct actgggg       357
```

<210> 580
<211> 437
```

150

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 580
```
gactgagatg agcagtttgc agatcaaggt aagacaaagt caaagcagac accaatggtg      60
ttatcaaaac cagcaccact tgcagnaaaa gacaggagga agaggagana gagggacaga     120
gcttgctcan tctttacttc aacnnagctg atcanaagca atcttggnng nataacaccc     180
anccaagtcg ggaaggtcct tgcaaaggga ncccaagcct tccccngctc tacttcangt     240
ngaagnncct ttngaangag cnttcgcctt gaaaacctnn agcttctccn anggangtnt     300
acngccnagg ggcttcaatc ggaccgtccc aggatcnang gaagaangct nttgcccata     360
gangnttgct ggacccccnc agnaaactng attnggcaag tcncagnttt ggtncttggg     420
aagaacagct ggccttt                                                    437
```

<210> 581
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 581
```
agactgaggt caagtggact ccagctaant actgtcaatc aacagcctgt ttcccttcca      60
cctgcctatt cctgagggtg aggtcttttc cctggtccca ggacttcccc acccctcctc     120
caaataccaa gactatgggc ttaaaagttt caaatgggtg ctggagagat ggctcagcag     180
ttaagagcac cgactgctct ttcgaaggtc ctgagttcaa atcccagcaa ccatatggtg     240
gctcacaacc atctgtaatg gaatctgatg ccctcttctg gggtgtctga agacagctac     300
agtgtactca catatattaa ataaataatt ctttaaaaaa aaaaa                     345
```

<210> 582
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 582
```
ccactgagct gttgaataag tgctncagct ncgncttggg agtttgnctt gccagacngc      60
tctgctnttg cacctgaaca gcccangg4gc canngtggac cctgnnacan tcatngagag     120
gggcaggttt atgctaancc tatgtntaca acagtntttt ggggggtgta gntccaccac     180
ntgccacatt cacttgnnat ganggcnctg tagncaagct agcacccaga gcccctttnca    240
aggctacaca attacaggtt cctcggccac tctggaactg aagggcaag cctgctccna      300
ngnnaccct a nccnggngtg ctggccgaca gnctaggccc acatctctgn tttgctggct     360
tccnttgtac tctcaacccc tgccttgttc tgggatc                              397
```

<210> 583
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)

<400> 583

```
catgatccca cctccccca gtctcccggg ccctcctcgg nctggcatga tgcctgcccc    60
ccacatggga ggccctccca tgatgccaat gatgggcccc cctccgcccg gaatgatgcc   120
cg                                                                  122
```

<210> 584
<211> 254
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 584

```
actgagggtt ccaagnctgc cctttggtat tcaaacggga gccgctttgg actgactggc    60
tgccttcctc ctcctcccc tcctcccct tctgcttcag atttatttat tatatgtaag   120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtggtt   180
gngaaccacc caccatgtgg ttgctgggan tngancnnag gatcttcaaa aaagcagncg   240
gggggtctaa cccg                                                    254
```

<210> 585
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 585

```
gactgaggta ctacataaat agccaagnnt attccatttt tagtaccagg agttctatta    60
aattagagta tgaaggaaac tcatttgtat catggaaaat accagaaagc tgtaaagttg   120
aaaacactac atcacccann acaacactac nctgcntnag ggctggantt cacacantna   180
anccaatngc tggannccaa naagtggaac ggcctctgac tgtggntaat tcttatatnt   240
gctacttgcg ggatttcaca gacgggtaag tgga                              274
```

<210> 586
<211> 467
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 586

```
gacctgaggc caggccatct gccttcaccc gctctatgtc atgcttccct gcaccctggc    60
tgcctcccta gctttcatgc tacccgtggc cactccaccc aacgccattg tcttctcttt   120
tggaggcctc aaagtgtctg atatggcccg tgcaggattc ctgctcaata tcatcggagt   180
gctgactatc acattatcca taaacagctg gagtatccct atcttcaagc tggacacatt   240
tcccacctgg gcctactcca acacaagcca gtgccttctc aatccgccta attccactgt   300
accaggccac tagactatgg tacaacctag ctctgctagg ggaaaagccg ctggtgccac   360
tcctcggagc caggagaggg cgctccaaac tccaagtccc gggacagagg tgcagaatcg   420
gntgggcgca tgcgaaatca tgtattcgng tgtttgccta catcctg                467
```

<210> 587
<211> 477
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 587
```
gggggaaacgc cgacctgant acnntcccta agcccaacag acactcacac tggttcgtca   60
tgaagtcgga gaaattccat gatgagctct ccgaccacgt attctttacg tntctgatcc   120
agaactgaat ggtaattctc cagaacagcc ttntggtact cctcactgaa catgcgaggc   180
ggggtcctgg gattcaacgc aaaaggagta tcagagccgg gcctgacgtg agatccactc   240
gaccaccact aaaagatctg tcctgatgcg gggctgtact aactgcagga ctcaactgat   300
gctggctcag agaccctgct gtntgatgtc agctagcatt agagagactt taaaggacac   360
gcctggcagg gggggctggc gtatgccntt agtcacagcc ctggannagg cnggaggagc   420
tcttgagttt gaggccagcc tggnctacag aacgagttnt gggacagcct gggctgg   477
```

<210> 588
<211> 477
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 588
```
gactgaggtg tgcatgcctg cgtttccatg aatgacgcat accaggagga cagaagactg   60
atacaccagg ctggagttac agacagttgt nctcnngttg actnaggagg nngcannctn   120
cttngnctgc tgngccatca ttgctggatg cctttannta ctgaganang nttctactgt   180
gnntccnngg ngtttnntan ntcnacctca antaacatgn ggttggnngc taacnnttta   240
tgtntttnag aagtgacttt nancttctgg ncctcctatc tnctcctctt cctcctcttc   300
ctcttcttca tcctcatcct ccccttcctc tncctnctcc tntncctcct cctnctgaga   360
gctgggacca caggtatgta ccacacgccc agcttataca gcacactctg cagactgagc   420
tcaagtgcgg tttcatgggt gtggatggca aaaggtgttt aagctaaaag gaattca   477
```

<210> 589
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 589
```
actgagaaca cccatcatgg tagttggaag aaggatcgtc ggctcacccc tcctcncctt   60
cgttcaggca cacctgccag aggcaagacc tcngtggntn ggatgaagtc ntcttctnct   120
atgtgcttgg gggtcctgga aggacctggc ccccttcaag ggaccatnag agaagaannn   180
ttgttntggg aggcctttac tagaaatgaa gggangctta tgngcctggc ttttnncnac   240
atcccnagag gtatgnggng ggaaantntg ntgcnanaat cttnttgggg gcagttgaac   300
cgatg   305
```

<210> 590
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

153

<222> (1)...(358)
<223> n = A,T,C or G

<400> 590
ctgccatcat gctgtnacat tcaccataga tagaanactt ncntntntag gggaganacn    60
gacaagacat cntatcgaca gcaactataa aagtgcatat ccncannnnn gatgancctc   120
ctttnatcga ccagctgggc tttggngngg ccccaggctt ccagacgttt gtgtcttgcc   180
aggagcagag gctcatctac ctgccctccc cctgggggcac ctgcaatgct gttaccatgg   240
actcggattt cttcgactcc tacagcatca cggcctgccg gattgattgn gaaacgcgtt   300
acctggtgga aaactgnaac tgccgtntgg tgcacatgcc aggggatgcc ccatactg    358

<210> 591
<211> 517
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 591
tgttaccttt agtgaacaag agcatgttcc caaactcaat tttgggtcgt ccacccttca    60
ctncaaccca ccaacagcat aataacttct ttgctctctc accaactctt tattcacacc   120
agcaacttat agatgcacaa ttcaactttc aaaatgtaga cttgtctaga gctgtgtcct   180
tacagcctct gacatatgga actgtcagtc caatacagac cnggancatc tccatttatt   240
tcgaggaagg aagagaataa gcgatgaaaa aagcttttcc tcttgatggn aaacggcagc   300
gtttccattt caccccacca agagccaact ataatncaac caggctagng cctttatcaa   360
gggtgacaga aggatatttc catgcccacc ggntgtttca cacgcactat ataccagaat   420
atagtncaga tggtggtccc accctnntng nagaaattnc cacctgnana gaaaccctcc   480
gagaaaatna caactngccc tggagggcca aagataa    517

<210> 592
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 592
cacatttttg gtcacngaca gcgatatctn aataggagga actgggcagg agcagggcat    60
tctctccagc aggngagtgg tcacgactac tacaactcca acccgaaggc catcactacg   120
ggcttaaatg gccgattcgg ctaccgccgg aacactccag ccctccgcca gcncacatcg   180
gtgtttggag aagncacacc atttcccatt ttctgaagac attgcgtcac aaggcttgac   240
ctgcgtcttc aagacagatg tttagatgaa ctgtcaacga tattctatat ttttaaagat   300
tgattcg    307

<210> 593
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 593
gctgttgaag ctgcggntca gggtgnggcc atcaccggga ccagactttc acaactggaa    60
ctggcccaat gcaatgattt ttgntgncac agtcatcacc accatcggtt atggcaatgt   120

154

```
ggctcccaag accccagctg ggcgcctctt ctgtgtcttc tacggcctct tcnggggtgc      180
cgctngngcc tgacatggat cagtgccctg ggcaagttnc ttcgggggga cggngcaaag      240
aggttagggc cantttctta accaaggaag aggag                                 275
```

<210> 594
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

```
<400> 594
aaatggcttc caaaagagct ctggtcatcc tggccaaagg agcanaggag aatggagaca       60
gttgattcct gtggatgtca tgcggctagc cggtattana gtcactgang cangcttcgg      120
nttgnnaagn accccggggg cacnngtaaa cccgtgatgt aantggatta gtaccaaaat      180
acccagccct ngaaaagatg caaaaaacgc nttggaccat tnccaaangn aggggggtnc      240
cttccngggn aggaaatcnt ggntgccnaa aaatttnatc tcattcgcct tannggggaa      300
tgnaaaaccc tcaagnggcc cgggaaaaga agga                                  334
```

<210> 595
<211> 493
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

```
<400> 595
gaactgagga tccttttgtg gcattccaca tcaacaaggg tcttgtgaga aagtatatga       60
actctcttct gattggagag ctggctccgg agcaacccag ctttgaaccc accaagaata      120
aagcgctaac tgatgaattc cgggagctgc gggccacagt agagcgaatg ggcctcatga      180
aggccaacca cctcttcttc ctggtctacc tgcttcacat cctgctgctg gatgtggctg      240
cctggctcac cctttggatc tttggaactt ccttggtgcc cttcatcctc tgtgcagtac      300
tgctcagtac agttcaggct caggcaggtt ggctacagca tgactttggg cacctgtcag      360
tctttggcac ctcgacatgg natcacctgc tacntcattt tgngattggn cacctgangg      420
gggcccccnc cagctggngg accacatgca tttcagcacn atgccnagcn tagctgcttc      480
cgcaaggacc ccg                                                         493
```

<210> 596
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

```
<400> 596
ggattgaaaa tgaattngat tcctaaatga gaagctcgag ggtgaggcac cgtttcgaac       60
tctgcngtgt gcaangaaga cgaggaagtt ccagcatggc ctcgggggga tgttg           115
```

<210> 597
<211> 205
<212> DNA
<213> Mus musculus

<220>

155

<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 597
ctgaggtgta cagagccaat gggccagatg gagctgtggg ccgaggccag agaatccacc   60
tgcagttatg ggacacggcg ggggcaggag aaggtttcgt agcttaccc actgcattct   120
tcagggacgc ttttgggttt cctgctttct tgttcgacct ggacaaatga ancaaagttt   180
cctcaattgt ccgaaactgg ataag   205

<210> 598
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 598
tgaggatgag ttccacccgt tntnngaggc gctgctgccg catgtgcgcg ccttcgccta   60
cacctggttn aacntgcagg cagcgcaagc gcaagtactt caagaancnc gagaagcgca   120
tgtccaagga cgaggngccg ctntttttta tgatcaatat gagaga   166

<210> 599
<211> 325
<212> DNA
<213> Mus musculus

<400> 599
atagaaggtg gtgatggact acagctcaga aaggaacata ctctcaaaat atttgcttat   60
atcaattcct ggactcagag gcaatgtcta tgctgcttca aggaatataa gcatttggag   120
attttttaacc aagtagtatg tgcacttatt aatttagtca ttgcccaagt tcaagtgctc   180
cgggaccagc tttgtaaaca ttgtactacc attaacatag attccacgtt ggcaagatga   240
gagtaatcaa gcggaagaac cactgagtat agatagagaa tgtaatgaag gaaatacaga   300
aagacaaaaa tcaatagaaa aaaaa   325

<210> 600
<211> 500
<212> DNA
<213> Mus musculus

<400> 600
gactgaggta tttacataag gaatttgcag agtcctggtc agttccaagg ttggcagaag   60
gctttgatgt cagcactgat gttatccgaa gggttttaaa aagtaagttt gtacccactt   120
tagagcagaa actgaggcag gaccaaaagg tcttgaaaaa agctgggttt acccgagaga   180
ttggtcagct ccccgtttct gaagatacct tgaaggcgct cagtgcaggc cgctctgtgt   240
ctggcctgct gatggcaggg gatgaagtct cctctaaaag tcagaatcac agcacagctt   300
tgaaagtggc gaagtcgcac cctcacagca cagacgcaca gaagaaacgg gaagggaggg   360
ataaaagaat ccaagtcttg gaagagagcc tagtgcctgc caccacagcc ttgggtcatc   420
agcgagagct tcagaaatcc cgccaccagt gacttccgag gccaccggaa gagctggcag   480
tgatacgtta ccaagtgctg   500

<210> 601
<211> 149
<212> DNA
<213> Mus musculus

<400> 601
gactgagagg aagacgaaca gctctcccca ctggagccat aactttaccc atgagccttc   60
actctcagcc agggcagaca agagcccagc gcgtctgaga ctgttcctgc tctgacccag   120
atatccaacc tgctagtgtg tgaggtcat   149

```
<210> 602
<211> 339
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 602
gtcccatact acaaggaacc cactgatctg gtngaanaag atggccaaga ttactacntt      60
ngcgaccagg ngagatgatg cagcagtgat atngtagcan ggnacttcat tgagcangct     120
ganttntcng ggnacctgtn cgggacatgn anggaagntg tcttggctga gcangccatn     180
aacctcatct gcgtgctann ngtatgacct acnngggg9g cgcngcatcn anaagactgn     240
tcttgtgtnc gattctacat ctttgggcag cctncctcgc tggacgtgct ggagcaacga     300
ctgcnacngc gcaacactga gactgatgag agtctggca                            339

<210> 603
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 603
gaccccattg tgatagctca tcgcttgtct accgtncgta ntgctgacgt cattgctggg      60
gntgatgntg nngtnattnn gnagcaagga antcatgatn agctcatgag ananaagggc     120
anttacttca aacttgnnat gncncanaca gcagtgaaat ganattgant tatggnatt      180
gaancttgta aatctaagga tganattgat aatttagaca tgtcttcaaa agattcagga     240
tccagtctaa taagaagaag atcaactcgc aaaagcatct gtggaccaca tgaccaagac     300
aggaagctta gtaccaaaga ggccctggat gaagatgtac ctccagcttc cttttggcgg     360
atcctgaagt tgaattcaac tgaatggcct tattttgtgg ttggnatatt ctgtgccata     420
ataaatggag gcttacagcc agaaaaaaaa aa                                    452

<210> 604
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 604
actgagaatg gtccagaact acccatgagt cagtttggct ggagctcgtg agcattcaat      60
aatgagtggt gcggctttag gacttganat tgttttttgnc ttttttctgg cattgntcct     120
cctgcatcgc tatggagact ttaagaaaca gcacagactg gtaatcatcg gcacactgct     180
tgcttggtgt ctctgctttc tcattgtctt catactgccg ctggatgtca gtacgacaat     240
atataaccga tgcaggcatg ctgctgcaaa ttccagccct cctgaaaata ccaacgttac     300
gggactggat gcatctgtca ctccagctcc aagacagcat ccatgtttca agccgnggag     360
ttacattcca gatggaatca tgccaatttt ctggagggta gtttattgga catcacagtt     420
tttgacgtgg atcctgtnac cttttatgca gncatatgca agatctggag g               471

<210> 605
<211> 408
<212> DNA
<213> Mus musculus
```

<400> 605

```
cactgaggat ggcctcaggc aaagtacgct gcacccgaaa gctgcggagc tggatcgtgg    60
agcaggtgga gagtggccat ttcccagggg tgtgctggga cgatgcagcc aagaccatgt   120
tccggattcc ctggaagcat gcaggcaagc aagacttccg agaggaccag gatgctgcca   180
tattcaaggt gagagttcct gaaggcaccc caaagcactt ttgtctgttt ggggtttgga   240
taaaggaaat actagaaagt agaacctggg ctggtgagat ggctcagcgg ttaaaagcaa   300
ctggctgctt actcttccag aggtcccgag ttcaattccc aacaaccaca tggtggctca   360
caaccatctg taatgggatc tgatgccctc ttctggtgtg tctgaaaa                 408
```

<210> 606
<211> 279
<212> DNA
<213> Mus musculus

<400> 606

```
ctattggaag aggcaaccat ttcagtttgc aagtctttgg ttgaaaacaa ccctcgaaca    60
ggaaatcttg ctgcgctaac taaggtcttc ctatctagaa ccagggagct caggctctca   120
gccgagtgtc agaaccacat cttcatctgg cagacacaca atgctctgtt tattatttgc   180
tgcttgctga aagtgttcat ccgtgagctg tctgaggaag agctgcagct tcattttaca   240
tatgaagaaa agtcccccgg cagctacagt tctgactct                          279
```

<210> 607
<211> 535
<212> DNA
<213> Mus musculus

<400> 607

```
gactgagtat aggtactgct tgctttctgc actaccaccc tcaagaaact cagctataca    60
agttggggga atgaatgaga aacgtcattt cactcattat gtacagacta cacgggactg   120
cagcagtcag agcccaaagg acccactgat gaagaggaaa atatcgctaa gagcaaagga   180
caggcaactc gaggtggaac agtgtaaaga cctaggtgtg tccatttggc cacacctaag   240
gaaacacctc cttcttgtct gaagaatggt tgagtgctga tctaaggatc agcatcgagg   300
cacttacttg aattaaaaaa cctactataa aatgcattcc gaatagtaac caggccgggt   360
agaggctggc gacggctaaa cccttctccg tggtgtctgt ttttgtacac aacgctacga   420
aggggaaag ccaggcttgt gggtattctt acactcacgg ctaagaccca gaagccgggg   480
cagcatcagg accagatccc aatttcccaa atgactggca ctgaagaggg ggaag         535
```

<210> 608
<211> 458
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 608

```
gactgagaca gctctggccc tcctgctgct cccatagccc gaattanaac caccaggaag    60
aaagaatctt atactgattc tgtggaggac ctgagatccc ggggatgtgg ccactggaca   120
gtgcttcggt ctcttcacct gaggggagcc tcccccctaaa gaagaaactg agtagagccg   180
tgacagggag acgccattca cagacgaatc tgaagtcact gcaccttgaa gggtagatgg   240
gtgcacaagg aatgggcggc atgctgtccc gtttctccca gcactggaca gaaccaagct   300
gtgctggtgc aacccttttaa tcccagcacc tgggaggcgg agacaggtgc atctctgagt   360
ttgaggccag gctggtctct agttccagga gagccaagaa tccttaaatt taaaatatat   420
gatatatagg tcaatcacan agtgcttgcc tagcatcg                            458
```

<210> 609
<211> 531
<212> DNA
<213> Mus musculus

<220>

158

<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 609
```
actgagctgc caatggtgtc cttaccatac tggaacttac caagaccggc taacaaagct        60
gcaggaccac cttcggcaac tttctattct cttcaggaag ctgcgactgg tctatgacaa       120
atgtaatgag aactgtggtg ggatggaccc cattcctgtt gagcaactga ttccatatgt       180
ggatgaagat ggctcaaaga acgacgaccg ggctggtcca cctcgttttg ctagcgaaga       240
gagacgagaa attgtagaag taaataagaa actcaaacag aagaatcaac agctgaagca       300
gattatggat caattacgga atctcatctg ggacataaat gccatgctgg caatgaggaa       360
ctaaagcgat atttaaatct cctgctctac tcatgtgatg aagttgggtt ttttcccccc       420
tcttgagtat tcctcccttt gaaaaacgtt atttatgtct ttattttaac agctagcact       480
aaagnttctg ttttcacttt aaaagtattt actagctttt ttttaatact g              531
```

<210> 610
<211> 441
<212> DNA
<213> Mus musculus

<400> 610
```
tgaggggca gctggcatcc tctgctacgt gggagcctat gtcttcatca cctatgacga        60
ctatgaccac ttcttcgagg atgtgtacac agctcttccc tgccgtggtg atcatagctg       120
taggagcctt gctttttcatc attggcctga tcggctgctg tgctacaatc cgggagagcc      180
gctgtggact tgccacgttt gtcttcatcc tgctcttggt tttcgtcaca gaagtggttg       240
ttgtggtttt gggatacgtg tacagagcaa aggtggagaa cgaggttgat cgcagcattc       300
agaaagtgta taagacctac aacgggacca actccgacgc tgccagccgt gctattgact       360
atgtgcagag acagttgcac tgttgtggaa ttcataacta ttcagactgg gaaaatacag       420
attggttcaa agaaacaaaa a                                                  441
```

<210> 611
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 611
```
gaactgagta acaggatctc ggtgactggc tcattgtgga aagtacagtc tctggagtag        60
aagaggagga ctgagaacta caggctcaga tctctattna gacatccaac agaattaata       120
ctatcattgg ctataacatg aagctattgn gttaaaggan agaagtcgag tgntaaaaga       180
cttcctactc caggatatcc tactgaagaa gtccagaana agcatggtgg ccctgactga       240
cagcagacat gctgnctgat gctaggctgc ngggctgcg tgtgctntcc cacccttgt        300
gnctngaagn ngacngtgct caaanngatg ngganaggan cggagtccgg anatcactgg       360
gactcggaca tcgnctacac ngagggttga acccacaggt                            400
```

<210> 612
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 612
```
catgcgctgt ggatatggag acagcccttc aaaaggagca gttccatatg tgcaagcatt        60
tgactcgctg cttgccaatc ccgtggcaga gtacttgaag atgagtaagg agatcggggg       120
agatgtgcag aaacacgtaa ggacacggng gcccttctt tctcctccta tttaggact       180
```

159

```
ggangctttt cttcacatct cttcacccto atcatagggg cgtccggnag cccccctgact        240
ccttttcttc ttcctttatt ggtccaggaa cagaaatggg gttcattttt ctaggtctcc        300
tgttttatta catattctgt gtgtttcttt tatgacaaag cttgnntggt cataaaatac        360
aactgngntc atctttgtgg gggaaaaaaa aaa                                    393
```

<210> 613
<211> 465
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```
<400> 613
actgagacca gatcactcct ggntgaagtg acagctgtgg tgaagattga aaaagatgtt         60
ggtggcaata atggggggtag cggcaatggt ggcggtgccg ccttttctca gactcgaagc       120
agcagcacag gcagtagcag cagcagtggt ggcggaggag ggcagcagaa ccagacatca       180
ggaggctcgc tgcaaggaag tcagcagaaa gagggagagc aaagtcagca gacacagcaa       240
caacaaattc ttattcagcc tcagctagtt caaggaggac aagctcttca ggcccttcaa       300
gcagcaccat tgtccggaca gaccttcaca actcaagcta tttcccagga aacccttcag       360
aacctccagc ttcaggctgt tcaaaactct ggtcccatca tcatttcgga caccaaccgt       420
ggggcccaat ggacaggtca gttggcagac ccttcagctg caaat                      465
```

<210> 614
<211> 234
<212> DNA
<213> Mus musculus

```
<400> 614
gactgagcct acacagtcca gacatccgag ggtgtacgcc caacagccgc ttctgaggcc         60
cgtttgaaag ccttggctgt ttgccacggg cctctggacc actacgactt tctgatcaaa       120
tctcaggagc tgagggagga tgaacatcaa agaagagtcg ttcagtgttt gcagaagtta       180
caggaggacc ttaaaggata cagcatagag gaaggagggc tcttttcaaa gctt            234
```

<210> 615
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

```
<400> 615
gaggccataa taacttcntg tggnactctc agaggccngn acacngaagc atggcttggt         60
nccataacac angaacnngc atcgaaggcg ngngcngang ggcccacagg ccnacagnag       120
gagagggccc caaagctacc aagggagnct ctggccacan atgngactcg ttgntcctcc       180
tgggactgcg atgg                                                        194
```

<210> 616
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 616

```
gactgagcct gtgcctactg cactagccca agtggacaga gagaagatct atcagtggat      60
caatgaactg tccagtcctg agnnagntnt ccatgatgtc tcaaagnata agctttaaga     120
aaagaaca                                                              128


<210> 617
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 617
tctggggagc tcctgcatta agtcagactg aggctacgag ggccccggtt ctgtactggt      60
gtctccggtg ccgcaccaga tgctgcccta catgaacgtg ggcacgctgt cgcgcactga     120
gctgcagctg ctcaacccag ctgacttgtc ggcggaagcg gcggcaccgc accatcttca     180
ccgatgagca gctcgaagcc ctgggagaac ctcttccagg agacgaagta cccagacgtg     240
ggcactcggg gagcagcttg gcccaggaag ggtgcacctt cggaaggaga agggnggagg     300
tctggtttta agaaccgccg agccaagtgg gagacgacag aaagcgatcc tcntcggagg     360
agntcagaaa aacgcccgaa gaagtggaac aaagaacgtc ctnaaaaagc cttcgccgga     420
gaagagggga agaaggaagg taaaagcgat ttggactnng gacagcttga cgggccgcgg     480
cccg                                                                  484


<210> 618
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 618
tgttcaatcc aatgactcca ccacaagtca atagctatag tgagccatgc tgtctccgac      60
ccctccacag ccaaggagtc cccagcatgg gaacagaagg actttctggt ctgccctttt     120
gccaccaagc caactttatg tcagggtccc agggttatgg agcagccaga gagaccagca     180
gctgcactga aggatctctc tttcctcctc ctcntcctcc tnggagtana gtcanattaa     240
caaagaggcg gactctntcc atntcgcccc tttnngatgc cagcctggac ctgcaaaccg     300
naatccggaa nctnacccaa ctnacntggg aggntntnat naactntcgc tgtacatann     360
ngggcggttn ctacggncat ctntccattg nnaccatgag cccttcttaa ggattcccac     420
ctnagatgag ncatcaaaaa ggaacttcac ctcccttatg gagg                      464


<210> 619
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 619
gagccgttca gtccaatgca ttgatagtta atttgacaga ttcaaagggt acttgccttt      60
atgcagaatg ggagatgaat ttcacaataa catatgaaac taccaaacca aaccaataaa     120
actataacca ttgcagtacc ctgacaaggc gacacaccga tggaagcagt ttgtggggat     180
gaccggaata gtgccaaaat aatgatacaa tttggattcg ctgtcctctt gggcctgnga     240
attttaccaa ggaagcatct catttattca attcatgaca tcggctttc ctacaacact     300
tagngatagc acaagtattt tcctgggngc tgnagctaaa gggagttcat actggttaaa     360
aancctggag aattttcaaa gntncctttg naaggccatc ctttaagggg caatagnggt     420
```

161

```
tttaaactta acaaaccctg acttccctgg ccgttcaaaa aatattgggg ggnatttcnc      480
cctgcaggct ttttg                                                       495


<210> 620
<211> 274
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G


<400> 620
tctggggaac ctcctgcatt aagtcagact gagggcngna cccacagtcc agtaagctag       60
atggcagngt tactatngat ctacnggcnn gatggctatc ccagcangtt gntcctggnc      120
tacaaagtct tgnatgacnn gangaaggcc atccctggnt ttcctcttgn gncgcacaan      180
acccgnctgc acattgcana ggacccctct cttggactat gagtacttgc ccntgntgnn      240
cctgaaatca ttcatccngt cttctttgga actc                                  274


<210> 621
<211> 501
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G


<400> 621
tgcttactga gcgtcananc ttncacatgg aacangttga aatatgctga actacgtgcc       60
cggcagcaaa tggagcagca gcagcagcat ggccagacac ctcagcaggc gcaccagcac      120
acgggagggc cggggatggc cccacttgga gccacaggcc accctggcat gatgccgcat      180
cagcagcccc ctccctaccc actgatgcac catcagatgc cgccacccca tcctcccaa      240
ccaggtcaaa taccaggccc tggctccatg atgcctggcc agcccatgcc aggtcgcatg      300
atccccgctg tggcagccaa cattcaccct actgggagtg gccctacccc tcctggtatg      360
cctccaatgc ccggaaacat cttaggaccc cgggtacccc tcacagcacc aaacggcatg      420
tgtaagtagc acagtgggac gacattaccc agcatcctgc tttggaagct acagataagg      480
aagaaatgct ttcttcgtga a                                                501


<210> 622
<211> 323
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G


<400> 622
gactgagaat cctacnattc ctcatcatga cnccttctca ggncactttt gaaataagag       60
gaactctttt accangagag gnctttgcaa tatgnggaag ctgcgatgcc ctgnnaaact      120
gnaatcctca aaatgctgcg gctcttatta ntgaanacga cacaggagac agcgngttgt      180
ggaaagcagc gattgctctc aatanaggag ngncagngaa gnaccgcnac ttcagaggcn      240
gcttttaga accannggaa ggatgtcttt atatattntt ttattactgn aggacttngc      300
atagtancaa ctttaagttt gaa                                              323


<210> 623
<211> 138
<212> DNA
<213> Mus musculus
```

<400> 623

```
gactgagaaa gagtagttga gcagctgcgc agaacctgat agtcaaacaa gagcagccgg      60
acaagttcca gatacagcca ttgtcacagt ctgaaaacaa actacaaaca gcacagcagc     120
agccactaca gccactgc                                                   138
```

<210> 624
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 624

```
gactgaggtt tgatctgtgg atgaaatgaa tcatgatttt caagctcttg cattanaatc      60
tcggggaatg ggagagcttt tgcctaccaa aaagttttgg gaacctgatg attcaacaaa     120
ananggacaa ngaggcgtat ntcttggcna ngatgaangg anagagactg catggggaac     180
ttctcatcat tcaatgtccc agcctattat ggtgcagaga agatctggac agagtttttca    240
tggaaacagt gaagtaaatg caattctttc tccacgctca gaaagtggga ggccttggtg     300
tgagcatngg tagaatatgt attaagttcc tctcctgctg ataaatggga ttctcgattt     360
aggaagggaa cttttggaac tat                                            383
```

<210> 625
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 625

```
gactgagagt ctatgatgga agtcaaaggg aagaaaaagt ttacaggaaa gagtccacag      60
acatcacaag gaaagaataa atttcataag aacagtgagt ctagttcttc aaagacattc     120
ccaaggaaag ctgttaagga aggcggacct aaagtcacat ctaagaactt tgagaaaggt     180
gccacaaaac ctggcaagaa aggtgtgaag cagttcaaga acaagccaca aggggggcaaa    240
ggaccgaagg acaaatttca gaaggcaaat anattcagca agaagcggaa attccagcca     300
gatggtgaaa gtgatgaatc aggagccaag aaacccaagt gggatgactt tcaaaaaaaa     360
aaa                                                                   363
```

<210> 626
<211> 540
<212> DNA
<213> Mus musculus

<400> 626

```
tctcccgact ctcgagagac tacattcgtc gtcctcctct tgctgcttct tgccgtgcct      60
ggagttactg tccgtctctt aagaagtctg ccaggccggt tacatttctc tttccacgag     120
ctccttaccc ataagtatct tccctgagct gtcagtcgct gacccggttg actttcgacg     180
ccccctcccc aactcctcgc aagcctgatc tctgaccttt gaaccctaga caccctcatc     240
aacactcttc cctcagtgta tccccacatc caacagtcgg gatgccgggt gctcccacat     300
cctctctgtt ccaaataagg cccacccccag gtaggttgtg gctgaggagt acgagcctga    360
ggacagcaag agtttgtagt atatagtcca ctgagatccc tgacgcctcg ctccacatca     420
ggaaggtccc accctgaaat tccggctcca catacaggat cttgagtctc cgaacacctg     480
gatccttcga gatgtgaggt cctgtgtcca ggtgagcagt gtgctcttca aaaaaaaaaa     540
```

<210> 627
<211> 639
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 627
ggcggtttga agcctctgtg atcgaggagc ggcgcaaggg cgcggaggac ctgctgcgct   60
tcacggtgcc catccctgca ctcaacaaca gcccccaact caaggagttt ttccgggggcg   120
gggaggtgac acggccctct gaggtgtcca gggacctgcg aatcctgcca cccctctca   180
tccccacacc acctccggat gaggcccggc tacttcagcc gctgcctgcg gaaaggaggg   240
gccaggagga gttggaggtg ccagtggatc ccctcccgtc cagccctgcc caggaggcct   300
tggaccttct cttcagctgt gacagtacgg aggaagcttc cagctccctg gctcgaggtc   360
ccctctctga ggctgaactt gccctttcg acccttactc caaagaggaa agtacaggcc   420
ccagccctac ccacacaggt gagctggcag ccattgaggt agagtccaaa aggctggacc   480
aggaaccctg ggagccagga ggacaggagg aggaaaaagc tgaggatgga gagcctgccc   540
cagcttacct tggccaggcc acagagctca tcactcaagc cctgcggaat gaaaaggctg   600
gcgcctacgc tgctgntntn caaggctacc aagaaggg   639

<210> 628
<211> 770
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 628
gtggggtctt tcagtgctgg accctgactg ccaagaagaa ctacagggca gatggcatcg   60
ggagcagccc actctctaat caggatgctt tccgtctatg gtgcctcttc aacttcctgt   120
ctgaggacaa gtacccgctg atcatggttc ccgatgaggt agagtatctg ctgaagaagc   180
tccttggcag cctgagtttg gagatgggcc tgggcgagct ggaggagctg ctggcccagg   240
acgcccagtc agcccagacc gccgtggggc tcagcgtctg gcagtttctg gaactcttca   300
actcaggccg ctgccttcgg ggtgtgggggc gcgactccct cagcatggcc atccaagaag   360
tctaccagga gctcatccaa gacgtcctga agcagggcta tctgtggaag cgagggcacc   420
tgcggaggaa ctgggccgag cgctggttcc agctgcaacc cagcagcctc tgctactttg   480
ggagtgagga atgcaaggag aaacgaggca ccatttcccc tggatgctca ctgctgtgtg   540
gaggtgcttc cggaccgcga aaggaaagcg ctgcatgttt tgtgtgaaga ctgccagccg   600
cacctatgag atgagcgcct cagacacccg ccagcgccag gaagtggacg ggccggtcac   660
nngcncgccn tnngtttanc tgggcctgtt caccgaaant gacctttgg ggccccttt   720
ncggtaggng actaanaaca aggcttgact cccgtccggc tctgcccttta   770

<210> 629
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 629
gacgtctggg gagctcctgc attaagtcag actgaggtcc cttcactgat gttgtcacca   60
ccaacctaaa gcttggcaac ccaacagacc gaaatgtgtg tttttaaagtg aagaccacag   120
cacctctgca ngtactgcgt gcggcccaac agtggggtca ttgatgccgg ggcctctctc   180
aatgtgtctg tgatgttaca gcctttcgat tatgatncca atganaaaag taaacacaag   240
tttatgngtt cagnctatgt ttgctccacc tgactcttnt nanatggagg cagtatnnca   300
ggnggcaanc ccggaagacc ttatggattc aaaacttaga tgtgnttncn antcngccac   360
catnaaangc tagtccacat gntgnagaaa tanataaaat catacctacg gagtgcntnc   420
aanacanaag caccggcagc cgcaaagtcc ctgacatcgc ccctcgatga cacagaagta   480
aagaaggnga tggaagagtg caggcggctg caggggggag g   521

164

<210> 630
<211> 800
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 630
```
gacgtctggg gagctcctgc attaagtcag actgaggtgg ggtctttcac gctggcttcg      60
cgagcagtcc ggacccacga tcgcttttgg caaccagaac cggcgcttca gcccccgggg     120
tgacgtgcag cccgccgccc agacacatgg ccccgagccc aagaccccag catgtcctgc     180
actggaggga cgcccacaac ttatatatan tgtacgaant gatgntnttg ctcagtcggg     240
cctggagccg cctgaggggc ccagaagtcc cagaggcatg gctggcaaaa acagtaacag     300
gagcagatca gatagaagct gcggctctgc tgacacctac ccctgtctct ggtaacctcc     360
tccctcatgg ggagactgaa gaaagtggat ctcctgaaca gagtcaagca gcccagaggc     420
tctgccttgt ggaagctgaa agttcccctc ctgaaacttg gggactttca aatgttgatg     480
agtacaatgc aaagccagga caagatgacc ttagagagaa ggaaatggaa cgcacagctg     540
gcaaggccac actacagccc gctggcctgc aaggggctga taagaggctt ggggaggngg     600
tggctagaga agagggagtg gctgagcccg cttatcccac atcacagntg gagggtggnc     660
cagcttgaga atgaagagga tggagaaaca gtgaagactt accaagcttc tgctgctttc     720
atagctncgg gatacaaacc cagcaccccт gtgccttttt tggggaggca naacatcaag     780
ccacggaaga aaaaggaaca                                                 800
```

<210> 631
<211> 658
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 631
```
gacgtctggg gagctcctgc attaagtcag actgaggtac ccacccggcn gcatggcaac      60
cctacagctg ntcatagctc ccttgctgtg nntcctgctt ngggtctttt gngctccagg     120
tgccagancc catgaccatg nggctgatgn ccatnatggn agcntggncc tggataagan     180
cacagtgcac gaccaagagc acatcntgga acatntngaa ggtgncatcg accaaccaga     240
ggcggagatg tccccacagg aactgcagnt ccattactta aaantgcatg attacgacgg     300
caacagtttg cttgacggcc tanagctctc catagccatc actcacgtgc acaaggagga     360
ggggagtgag caggcgccag tcatgagcga ggatgagctc gtcagcatca tagatggtgt     420
cctgagggac gatgacaaga ncaattgacg gctacatcga ctacgctgag tttgcaaaag     480
tcactgcagt agaccgttgg ctcttttcct tttgtgcaca tgtgaccctt gctaatgnga     540
tggacgtgtc tggtaatgcg aaacaactta tttccgtcta ctgctcaaca cttttggtaa     600
aaaccctgtg gcannctgnt anaatggggt ggaggaaana aaccacatga ctggggaa      658
```

<210> 632
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 632
```
gggtgagcca tagactatcc taggaaacca aaccagggcc cngcnttgtt cagagagggg      60
acagataatg nactccctga nccgnngnat cnaggatagc accccacagt gcatncctgn     120
ctattnagag gcacanactc tcagcacgtg ggagaccttg ctacctacgg acaatncttg     180
```

165

```
atntacagnt gtattgccac ttncttgctc aacaaacctg ttactttntt ggaaataata    240
tttaatt                                                              247


<210> 633
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 633
ccatggtaac atgcttatnc tgtntacact tctatatgga caagaagtct aaactaggaa     60
cctacctact ctggacaacc attcccatct ccacccanag gacaccaatc atcgtgacac    120
cacgtccatc ttttactaag ttcccccaac ctcttcctcc tctcactagt agacttaata    180
cagaagcaag gatctaggcc gggtgttgct actctgaaac ttattgcacg agatattgtc    240
aatttatccc ctaactgacc tcccagagaa gaaagaagtg ggaagaaacg gcgaatagaa    300
ggcaagagac actgatcagt tagaggggaa actctacatc ttctctggtt gagagtctgg    360
naactgaaga aggcaaaa                                                  378


<210> 634
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 634
ttatcatggg gcgcaagttg gatcctacga agaaggagaa gcgtggaccc ggccgaaagg     60
cccgaaaaca gaagggtgcg gagaccgaat tggtcagatt tttgcctgca gctgncgatg    120
agaattccat gaggctgtcn agtcttnccc gaatncgggc anccaagagg agggcaggt    180
ctgttgacgt ccctaagcca aataagtctc ctgggatcaa aacattgcct ggagagttat    240
ccaaagga                                                            248


<210> 635
<211> 683
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 635
ggactttgaa tatgtcgggg atcgccctca gccgccttgc gcaggaaagg aaagcctgga     60
ggaaggacca cccttttggc tttgtagctg tcccaacaaa gaaccctgat ggcacaatga    120
acctgatgaa ctgggagtgc gctatccctg gaaagaaggg gactccatgg gaaggaggct    180
tgttcaagct acggatgctt ttcaaagatg actatccgtc ctcaccacca aaatgtaaat    240
ttgagccccc actgtttcat ccaaacgtgt atccttctgg cacagtgtgc ctgtccatcc    300
tggaggaaga caaggactgg aggccagcta tcaccatcaa acagatctta ttaggaatac    360
aagaacttct aaatgaacca aatattcaag acccagctca agcagaggcc tacacaattt    420
actgccaaaa cagagtggaa tatgagaaaa gggtccgagc acaagcgaag aagtttgccc    480
cctcataagc agcggccctg ggctccatga cgaggaaggg attggcttgg caagaacttg    540
tttacaacct tttgcanatn taagtcgctc cgtacagnta ctantcncct gggangghtg    600
agcgggcncc attttccttt tccgccattg gatattcagn cttttgattt ttgantatta    660
annaaaactt gctttattt taa                                            683
```

166

<210> 636
<211> 665
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 636
```
tctggggagc tcctgcatta agtcagactg aggtcctcag tatggcagcc tggagcgggc      60
gtggggcgcc atgatgacag aagcagataa ggtcagcgag ctgcaccagg aggtgaagaa     120
cagcctgctg aatgaggacc tggagaaagt caagaactgg cagaaggatg cctatcacaa     180
gcagatcatg ggtggcttca aggagacgaa agaggccgag gatggcttcc gaaaggccca     240
gaagccctgg gctaaaaaga tgaaggagct agaggcggcc aagaaggcct atcacttggc     300
ttgtaaggag gaaaggctgg ccatgacccg ggagatgaac agtaagacag agcagtcggt     360
caccccctgaa cagcagaaga aacttgtgga caaagtggac aaatgcagac aggatgtgca     420
aaagactcag gagaagtatg agaaggtgct ggaagatgtg ggcaagacca caccacagta     480
catggagggc atggagcagg tgtttgagca gtgccagcag tttgaggaga agcggctggt     540
cttcctgaag gaagtcctgc tggatatcaa acggcatctc accctancgg aaacagcagc     600
tacttgcatg tctaccgaga actggagcag gccttccggg gggcccgatg ccccaggagg     660
acctt                                                                665
```

<210> 637
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 637
```
acttgcaaaa ttatgaagga ntctanaagc agagganaac ataaaagncc ancnccttng      60
nnccncttat ccncaccctc cctgagtctt ggcatggaca cacctatnaa ngaccttcct     120
ggngcagata catnctcgna tgtgaaggga gaaaagctta ctcgctgnaa acttgccagn     180
ctctacaggc tngcagactt gnttgggngg gcgcacctgg caaatacgta cat            233
```

<210> 638
<211> 343
<212> DNA
<213> Mus musculus

<400> 638
```
tctggggagc tcctgcatta agtcagactg aggattacaa cattccagag tcccactggg      60
gaagaacaag atacttcaat aaatgaagga gaacaaagaa aactcaagcc cttcagtcac     120
gtcagcaaac ctggaccaca caaaaccatg ttggtactgg gataagaagg acctagcgca     180
cacaccctca caacttgaag gactcgatcc agccactgag gcccggtacc gccgagaggg     240
ggctcgcttc atctttgatg tgggcacacg tttggggttg tatcctgaat ctctgggatt     300
tgttgtgaat aaactccatc accaagaatt agattaaaaa aaa                       343
```

<210> 639
<211> 596
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 639

```
tctggggagc tcctgcatta agtcagactg agnattaaat ctgagagaat ctgacatcag    60
agtgtgtgat gaatcatctt gtaaatatgg aggtgtctgc aaagaagatg gagatggttt   120
gaaatgcgca tgccagtttc agtgccatac aaattacatc cctgtctgtg ggtcaaacgg   180
ggacacctac cagaatgagt gctttctcag gagggctgct tgcaagcacc agaaagacat   240
aaccgtggtg gcgcgtggac cttgctactc tgataacggn tctggatctg gagaaggagc   300
agaggaggaa ggctcaggag caggngctna caggaancat tccaagtgtg gaccgtgcaa   360
gtacaaggcc gagtgtgacg aggatgcgga gaacgttggg tgagtntgta atatagnctn   420
cngtggcttc acnannnnac nctncccgcg ntganganng ancntcctan aatgnccgnt   480
gtgtcntccg aaaggcgact tgcataaagc actgaacnga tcgacanant agcnngtcng   540
ccnctggnca tacacagatg angtggagat tattgnnaaa gaaggacgac gggctg        596
```

<210> 640
<211> 578
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 640

```
cccagttgtg acatgatgga actaaggcgc cgttatcaga acttatatat tcctagtgac    60
ttttttgatg ctcagtttac atgggtggat gctttccctt tgtcaagacc atttcaactg   120
ggaaattact gcaattttta tgtgatgcac cgagaagtag agtccttaga aaaaaatatg   180
ggctgttctt gatccacctg atgctgacca cctgtacagt gcaaaggtaa tgctgatggc   240
tagccctagt atggaagact tgtatcataa gtcatgtgct cttgctgaag acccacaaga   300
ccttcgtgat ggttttcagc atcctgctag acttgttaag tttctagtgg gaatgaaagg   360
caaggatgaa gccatggcca ttggaggcca ctggtctcct tcgctggatg gaccaaaccc   420
agaaaaagat ccctctgtgt tgattaaaac tgccattcgt tgttgnaagg ctctgacagg   480
cattgatcta agngtatgca cacagnggta ccggtttgca nagattcgnt accatcgccc   540
tgnggagacc cacaaggggc gnacagttcc agctcatg                           578
```

<210> 641
<211> 716
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 641

```
tctggggagc tcctgcatta agtcagactg aggcctgaaa ctcagcaccg aggctctgca    60
ccccactccg agagcgacat cccagagcag gaggaggaga ttctagggtc tgacgatgac   120
gagcaggaag accccaatga ctactgtaaa ggaggttatc atcttgtgaa aattggagat   180
ctatttaacg ggagatacca tgtgattcga aaattgggct ggggacactt ttccacagtg   240
tggttatcat gggatattca gggaaagaag tttgtagcaa tgaaagtagt taaaagtgct   300
gagcattaca cagaaacagc actagatgaa atccggctgc tgaaatcggt tcgcaactca   360
gacccgaatg atccaaatgg agaaatggtt gttcaactac tagatgactt taaaatatca   420
ggcgttaatg gaacacatat ctgcatggtg tttgaggttt tggggcatca tctactcaag   480
tggatcatca agtccaacta tcaggggctt ccgctgcctt gtgtcaaaaa aattattcag   540
caagtgctac agggcctgga ttacttacac acccaagtgc cggatcatcc acaccggaca   600
tcaaaccaga gaacatcttg ttgtctgtga atgagcagta cattcgaagg ctggctgcag   660
angccacana gtggcagcgc tcangagctc ccccaccatc ggggtcttgc aggctg        716
```

<210> 642
<211> 276
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 642
gtctggggag ctcctgcatt aagtcagact gagtgctcca ctccagctac gggaactggt   60
gaactgtcgt tgggcggaag aagtgacaca gcagcttgac actctccagc tgtgtagtct   120
caccaaacat gaagaaaatg agaaagacaa atgngaaaat caccatgaaa aacttagtag   180
tgttttgctg gacttgtnag aagtgtatct gccatnagtg ngcnctttgg ggaggaatgg   240
ngngcnganc aaatgttntn tttggtttac atacta   276

<210> 643
<211> 102
<212> DNA
<213> Mus musculus

<400> 643
gaacggtcat caaagctccg ctgtgcttgg ttactggtgt tcctggcagg ttcctccgtc   60
ctcttatatt acacctttca ttctcagtca cttcattaca gg   102

<210> 644
<211> 781
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 644
gtttatcaat gccagcaaga agaatagtgc agcccatgat tgaccagtca aatcgagcag   60
ngagccaagg agcagcntat agtccanagg gtcagcccat ggggagcttt gtgttggatg   120
gtcagcanca catgnggatn cggcctgcag gacccatgan tggaangggc atnantatgg   180
gcatggatgg ccagnggcac tatatgnann cttngccatg tnangcaatc tctnggcaag   240
gggaagtttg canagcatgc cnggggacta cnttnctcag ggtggtccnn tgggaatngn   300
tatggcccan ccaagttaca ctcctnccca gatgacccca caccctactc agttaagaca   360
tggaccncca atgcattcat atttgccaag ccatccccac cacccagcca tggtnatgca   420
cggaggaccc cctacccacc ctggaatgac tatgncanna catagccccca caatgttaaa   480
tnctgtacat nccaatgttg gcggacaggt tatggacatt catgcccant attttaangg   540
aactcnngga anaaggaaac acacncaaaa actattttaa gactctctga actttgacca   600
natgtgacac ttaatatgaa actccagaca nctgtgatta tttttttactt tnntggnatt   660
tntcatcnag caacagagga ccantgngac angaacacan atgtgaaagc gacgggctca   720
tcgtgacaat tttgnccatg caaagatcct ttggagaaan actncgagag ttataactac   780
t   781

<210> 645
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 645
gcctgagccg ggctgggctc ccatttgggt tgatgcgccg ggagctagca tgngagggct   60
accccatcga gctgcggtgc ccggggagtg atgtcatcat aggtggtggc aaacgggcag   120
gatgagtatt taataaaagt tcgcaagttt ccaaaaaa   158

<210> 646

<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 646
acttttcctc cccccttga tctcgctgcc tgtgaaagcc ngggnntagn tcaactaaga   60
cgcctcctgc gagaaagcca gagaagagct angggctgg gggaaggagt ctaaaat   117

<210> 647
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 647
cattagtcag actgaggcgn caagcccatc tgngtgngct cgcatccaac tgtgatgagc   60
ccatgtntgt caagctggtg gaggcacttt gtgctgaaca ccaaa   105

<210> 648
<211> 212
<212> DNA
<213> Mus musculus

<400> 648
gaaagcgatt tcgctcacgt tttattagca caaggaagac agccggctcc ccgaggcaga   60
agatcgcagg caccattcgc tcgccaccca gactctgcgc gcagccccgg agccagagag   120
gaggatcgtg aaccgaagcc agcttcgcag ttctagtttt gaaagcgccg ctggaaaggg   180
gcttaaatcc gcttttttttt tttttaaagg gg   212

<210> 649
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 649
ctttggggag ctcctgcatt aagtcagact gaggaagcca gagctatgca gttctccagc   60
tcatccagga catcagatga gaatgtggac tatttgttca aggtcatcct aagagcttgt   120
ccggatggtg ctgaatggct gangacattc tgtatcccga gtctgttcct tgcccagtgt   180
gatttctgtg tggctccaga ggctcccctg tcacagcacc ttgcccattn ggtttctttg   240
aggatgatgn ctgccttcac caaataaaat ttgctntctt tgccctcaaa caaaaaaaa   299

<210> 650
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)

170

<223> n = A,T,C or G

<400> 650
caggaaagaa aggaaaggaa aagaaaaata gagagggcaa ggacaaggaa aatggctctg   60
tatctaccag tgagacacca ccacctccac caccaaatga aattagtcct ccacatgctg   120
cggaagaaga ggaagatgnt gactggtngg gaggatacta attgtggaat cntcnaaggc   180
nctngnatgg ttgngatcnn tgaccatnct nanaggtctg acacttaaat gttgattt   238

<210> 651
<211> 359
<212> DNA
<213> Mus musculus

<400> 651
atgttcccct tctctggctg ctggaggact gaactgttat tgttgctact cctggctgtg   60
gctgtgagag aatcctggca gatagaagaa aaatcgtgtg acctggtagg agagaaggat   120
aaggagtcaa agaacgaggt ggctctcctg ggagaggtta cggccactgt ttaacaaaag   180
ttttgagagt actgtgggcc agggctcaga cacatacagc tacatattca gagtatgccg   240
ggaagctagc aaccactcct ctggagcagg cctggtccag atcaacaaaa gcaatgacaa   300
ggagacagtg gttgggagaa tcaacgagac tcacatcttc aatggaagta atagaatca   359

<210> 652
<211> 771
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 652
gacgtctggg gagctcctgc attaagtcag actgagtgcc accatggcaa ctgcaccgta   60
caactactct tacatctttta agtatattat tattggggat atgggagtag gaaaatcttg   120
cttgcttcat caatttacag aaaaaaaatt tatggctgat tgtcctcaca caattggtgt   180
tgaatttggt acaagaataa ttgaagttag tggtcaaaaa atcaaactgc agatttggga   240
tacagcaggg caggagcggt tcagagcggt tacacggagc tactatagag gagctgcagg   300
tgcgctcatg gtgtatgaca tcaccagaag aagtacatat aaccacttaa gcagctggtt   360
gacagacgca aggaatctca ccaatccaaa cactgtaata attctcatag gaaataaagc   420
agacttggaa gcacagagag atgttaccta tgaagaagcc aaacagtttg ctgaggaaaa   480
cggcttattg ttccttgaag caagcgcaaa aacgggagag aatggagaag atgctttct   540
tgaggctgcc aagaaaatct atcagaacat tcaggatgga agcctggatc tgaatgctgc   600
cgagtctggt gtacaacaca aaccctcagc cccgcaggga ggacggctaa ccagtgaacc   660
ccaccccaaa gagaaagctg nggctgctag tgacctcttt gctctggccc ctcatttgac   720
ctttcacctn tgnctggtgg aagcagactt tttactggct ccttggcttt g   771

<210> 653
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 653
actgagggga caaacaagtg actcctgtca cccctctggg tgccccttan aggccatcca   60
gcccaacctg accaatgtcc acagccaggg aacagccaat cttcagcacc cgggcgcacn   120
gtattccaga tngaccccac tacaaagcgg aactggatcc ccgccggcaa gcacgcactt   180
accgtgtcct atttctatga tgcaacccga aatggtgtac cgcatcatca gcatnngggg   240
gngccaaggc catcatcaac agcactggtc actcccaaca ttgaccttca ccaaaacctc   300
tnagaagttc gggcaatggg gcagacagtc nagccaacac ttgtctacgg cctaggcttt   360

171

```
gcctctgaac agcagctgac ccagatatat ttgtat                          396

<210> 654
<211> 384
<212> DNA
<213> Mus musculus

<400> 654
gacgtctggg gagctcctgc attaagtcag actgagaaga tggacgacat gtcgcccagg    60
ctgagagcct ttctctctga acccattggg gaaaaggatg tggcctgggt ggatggcatc   120
agccgtgaac ttgccatcaa tttggtcacc aaaggtttca acaaggccta tgtcctgctt   180
gggacagttt cttctgatgc acaagaatga agcagagttc cagaggtgga tcatctgctg   240
ctgtggagct accggagtgt gaggcccgcc agagctccac ctgcctgaag gagtggtgct   300
cctgtttcct atagatatct ctggcctggc agctctacct cagataaagg ctacccatgc   360
tacctacaga caaccaaaaa aaaa                                         384

<210> 655
<211> 443
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 655
gaactgaggt tgcttctata actggatcac gagtttgctg cacaaagtac catgtctcga    60
tcccggcagc ccccacttgc gtgagctgtg ncntccatag nanggatgtc taggaatcag   120
atcccanaga gncccgggaa ggacccnanc acnctgacca cnatncanac ctgctgtngc   180
tgntcntnga ccttnatcaa atcctatgtn aagagggcgt nttgtaagga cggaaggaan   240
attaccctgg ganaagcnaa tgnaanttgg gctttantat tgtcacaact aaggttgggn   300
tgtaaaggaa nctcaactgt ctcttttaag ctactcaagc ctgaaaaaat aggcatttta   360
gatcagtctg cagtgtgggt ggatgaaatg aattattatg atatgcggac tgacaggaac   420
aaagggattc ctcccttgtc tct                                         443

<210> 656
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 656
gactgagatc ctgatggcng ttgtacagcg tggagcctgt ccaanatgaa gagacccctg    60
cctgtgccga tgagtttgac gactttgtca cntatgangc caangangng acngacagng   120
catatntggg gtntgagagc ncctacagng agcagtgaga ccttcacana ngaggacacc   180
agcaccctgg ngcacccctg agctgcngcc tgaaggggac gtggacagtg ctggtggctc   240
aggggtgccc tctgagtgcc tggacaccat ggaggagcct gaccatggtg cattgctgct   300
gctcccaggc agntcngtgc ttnacgctcc nagngtaggt gtttgtgnag tgcgcagtgn   360
anccttntag ttcnccantc ttgggctagg tgagccat                        398

<210> 657
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)
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172

<223> n = A,T,C or G

<400> 657
actgaggctc agacaagaga aaagctctag aagagaccaa agcatataca actcaatctc   60
tagctagtgt tgcttatcaa atnnatgcat tggccaacaa aaaaaaa   107

<210> 658
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 658
ctgagggttc cggcgctncc cgtgaaaaac tngaatggca ctggccctgt ncacccagcc   60
ttgctcaggg ntgaccgnga tnctgctgtg tgcagcgtag ctgccgangt gcctgacacg   120
agcacccaaa cccatcctgc acccaccacc agtangcaaa agcnactgtn gaagcctgtg   180
cctgnagtgc ccggngtgtg ccgaaagacc aanaaaaaac acctcaagaa aaagcaagaa   240
tcctgaggat gtggttcgga ggtacatgca gaaggtgaaa aaccccgcct gatgaggact   300
gtaccatttt gcatgggagc ggctgntcac agnatctggg ctatgagggc gtgctccgaa   360
aacaagagtg tgcggnccga gcttgtgggc cgnctgggcc gtnggggnca natgtatcac   420
ntggntctgn ctggnggcca tgtactccaa tggcaaaaag ga   462

<210> 659
<211> 416
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 659
ctgggagatg tgacgccaca caatattaaa cagttgaaga gactgaacca ggtcatcttt   60
ccagtcagct ataatgatga attctacaag gatgngctag aggttggcag agctagcaaa   120
acttgcatat ttcaggngat atagctgtan gtgcagtgtg ctgcangggn tggatcattc   180
acagnaatca aaagagacct ttncntcatg acactaggga tgccttgcac cttaccgaag   240
actaggaata ggaactaaaa tgttaaatca tgtcctaggc atctgtgaga aggatgcncn   300
cctttttgac aanatctatc tgcatgtgca ggatcagnna gttgagncca gcngattgac   360
nttttacccg ggaaagtttg gctttttgag attatccgna gacaggagaa caactt   416

<210> 660
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 660
gaagagtggc agacagaaag aanaggctct ggtccaaaga gagaggatgt gtctctggaa   60
catggatgcc attancaagg atgttttttaa taagagtttt attaatcaag ataaaagaaa   120
aacaa   125

<210> 661
<211> 349
<212> DNA

173

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 661
ctcgaccctg cctgaccggn ctctanngaa ctgncagtac agttcagnca ccttcancnc   60
angtgagcgc aagcgaaggc ctcatggaga ccggaagtct tgtgagatgg ggctgcagct   120
acgacagacc ttcnaggcag gcatnctcac acagctgcac ccccgctctc agatcgacat   180
ctacgtgcag gtgctgcaag cagatggtgg gacctacgca gcatgtgtga atgcagccac   240
gctagcagtg atggatgctg ggatacctat gcgggacttt gtatgcncat gttcagctgg   300
ctttgtggat ggcncancac tancggacct canccacgtg gaggaagca   349

<210> 662
<211> 156
<212> DNA
<213> Mus musculus

<400> 662
gactgaggtg tggaaatgta aactttgcta ggagaccagc tgtaacagat gtggtcgagt   60
tgcagtaatg tgaattgggc tagaagatca gagtgtaaca tgtgtaatac tccaaagtat   120
gctaagttag aagaaagaac aggtaagaaa aaaaaa   156

<210> 663
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 663
gactgaggtt gaagctggaa tttgcccctt acgagcaaga agatgatgag tgacgctagt   60
gacatgctgg ccgcggcgct ggagcagatg gacggaatca tagcaggttc taaagccttg   120
gagtattcca atgggatttt tgattgccaa tctcccacct ccccatttat gggaagcttg   180
cgcgctctgc accttgtgga agacctgcgt ggattgttgg agatgatgga aacggatgag   240
aaggaaggat tgagatgcca gatcccagat tcaacagcag aagtgcttat tgagtggctt   300
caaaatcaaa tgacaaatgg ncatctacct gggancggan atgtgtatca agaaaggttg   360
gcacgtntag aaaacgacaa ggantccctn gttcttnang caagtggtac ttgagnccat   420
tcctttntna ngacangtgg nccttncaac tttgaatctc atgtatgtgc aacacctgta   480
ttaanncacc tgaatattac atgccatcta agc   513

<210> 664
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 664
acgtgttcga ggatgatagg gaagggacga tcgggagaga tttccatcga tgacattcgg   60
ataagcactg atgncccncn ggagaactgc atggaaccca tatcagcttt tgcagggggnc   120
nccctcncag nnaggnaccg agcccncagg gnacncangn gcccgttcta ttncatncca   180
gnctactngt attacgttat ggcggccggg gnccnccgtg ctggtgcttg gcggggggggg   240
gcctgccctt gg   252

174

```
<210> 665
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 665
gcccttgctg tcagtgcnna gtgaaangaa tgcggagttg anangtgagg anntggctnc      60
tacttnagac ngacgagctg aatgatgccc ctgnttgcgc ccncgnaatc anatgacagc     120
gaggacactc ccagcangct cttcggggcc agaggaaaca canncttacc agatccagga     180
actnctgagc agnaccaggt ctgtcagncc catcccanct ttccagttgn gccacagcct     240
cttctgacgg cacaacagtt agccctttgc tgtgncccgg ggcgatgccg nnaggccccc     300
catccctcaa tcaggcaatc ct                                              322

<210> 666
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 666
aatcaggaat gattctccat cccagagaga tgaagtaatt caatggttgg ccgaactcaa      60
ntaccagttc aacctctatn cagaancatt tgctctggca ngcagncttt tggataggtt     120
tttagctaca gtaaaagccc atccaaaata tttgaattgt attgcaatca gctgtttttt     180
tctggctgct aagactgttg aggaagatga gaaaattcca gtgttaaagg tattggcaag     240
agacagtttc tggggatgtt cctcatctga gattttgaga atgggagaga attattctgg     300
ataaatngna ttgggatctt nacacggnta caccattgga tttttctt                 348

<210> 667
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 667
ggctctggcg gccactggga aggaggaggg cctgagcgcc cggctgctgg ccctggtggg      60
ntctgntctt tatcgntggn ggcattatag ggaagantgc cttgnanggg ccgatgcgaa     120
ggatggcagg ntggattgan ggatctacca caccatggga tt                       162

<210> 668
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 668
ctttggaaga agaaccagga tgactttgag tgtgtgacca ctcttgaggg ccatgaaaat      60
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```
gaggtcaagt cagtggcttg ggccccatct ggcaacctct tggctacctg cagcagagat    120
aagagcgtgt gggtctggga agttgatgaa gaggatgagt atgagtgtgt cagtgtcctc    180
agctctcata cgcaggatgt taagcacgtg gtttggcacc cgagccagga gctttttagct   240
tntgctagct atgatgacac agngaagcta taccaggaag aagggggatga ctggg         295


<210> 669
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 669
gactgaggtt gtggagcatg gcctgtttgt cangcactgc acngtggaag tgtatttgct     60
gganctgaag ctctgtgaga tcagtgaccc caccantgtg ctaagntgcc attttagcaa    120
agcagacacc attgcaacta ttgagaagga gatgaggaag ctcttcaaca tccctgcaga    180
acgtgaaaca cggctttgga acaaatactt gagcatcac                           219


<210> 670
<211> 519
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 670
gtctggggag ctcctgcatt aagtcagact gagtcctaac aggggcttta cagaaatgca     60
ctgtatgagc ggccactcta attttgtgnc ttgtgtgtgt atcataccct caagtgacat    120
atatcctcat ggactgattg ccactggagg aaatgaccac aatatttgca ttttctcgct    180
ggacagtcca atgccacttt atattttaaa gggtcacaaa gatactgttt gtagtctttc    240
ttctggaaaa tttgggacat tacttagtgg ctcatgggac accactgcta aagtctggct    300
gaatgacaaa tgcatgatga cattacaggg tcatacagcc cgcagtatgg gcagtaaaga    360
ttttacctga acagggctta atgctaactg gatcagcaga caagaccatt aaactatgga    420
aggctggaag atgtgagagg acttttttag ggcatgaaga ctgtgtaaga ggcttggcaa    480
tcttgagtga gacagaattt ctttcctgtg caaacgatg                           519


<210> 671
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 671
tgaggtgatg ctgggagcag aactccaaaa gnccagaagc ttcgtgaagc tatggctgcc     60
ttaagaaaat cagctcaaga tgtccagaag ttcatggatg ctgtcaacaa gaaaagcagt    120
tctcaagatc tacataaagg aaccttgggt caggtgtctg gagaactgag caaagatggg    180
gacctgatag tcagcatgcg gattctgggc aagaagagga ctaagacatg gcacaaaggc    240
acccttattg ccatccagac tgttggncta ggantanaat acagagtgaa ngactgacna    300
ccaaggaccn agtntgctat ccagggaacc atagtgncta tnatnaccac ccttccgctn    360
actatgctgn ttgaggacan ccgantggtg nccaagtaca aagatggaaa tcangcctgg    420
ctttatgctg g                                                         431


<210> 672
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<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 672
tggcactctc ttttctgctc ttaccctgcn ncaacattcc tttccaggga cagccngntg   60
ananctnttc acggagtgnt gnaccntgan gcgangantt taaaagttgn ggcttgaaag   120
acaggaagat acggatggct tcctcgtctg gcaacagacg atgatntcac tatccccaga   180
gctgntntna atatgatgat caaagagact cttnctaatg tccgggtggc cancgatgcc   240
cgagagctgg tagtgaactg ctgcacggaa ttcattcacc ttatatcttc tgaagccaac   300
gagatttgta acaagtcaga anagaagact atttcaccag agcatgttat acangcactg   360
gaaagtttgg gctttggctc ttacat   386

<210> 673
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 673
ttcctaacat gcttgagttn cgaaccagtn ttncttggag atgaacnctn tttngcaaga   60
gcgaggnncn naaancnttn nctttcagga catggaatct gaattggaga anacagaagc   120
tnagctcaat gcagnagtca gagagaaanc atctctctct gcgagtaatg cttcactngg   180
aaaaacggnt tactgaatta accagagcca acgagctact aaaggctaag ttttctgaag   240
atggtcacca aaa   253

<210> 674
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 674
gactgagatg ggagatcttt ggtcagcncn ncctatgaag gtgaatgctt cccaggctcg   60
tcagtttaaa ccttgtatta agcaaataaa tttccctaca aacctcatac gactggaaaa   120
aaaaaaa   127

<210> 675
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 675
gacatggtgt tactgtggag tttatgataa tgccttaaac aatgacaact acaaccttgc   60
tagaggcttc aattaccacc aaggacctga gtggctgtgg ccaattgggt attttcttcg   120

```
tgcaaagttg tattttttcca aaatgatggg cccagagact gctgcagaag actgtatngt    180
ttggttaaaa atgttctttc tagacattat gttcatcttg agagatcccc atggaaaggc    240
cttccggagc tcaccaatga gaacggccag tactgccctt tcagctgtga gacacaggcg    300
tggtcaatgg ctgntgttct ggaaaccctc tatgatttat agttggctca taaatagtaa    360
ttgtgtgaac acttgacatt attgaatgca aggtcataaa gaaatgta               408


<210> 676
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 676
actgagtctc catgaagtgc caggagcacc cgtgcgtgtc ccctgtctct aatcatgtgt     60
atgagcggcg actcattgag aagtacattg cagagaatgg cacagatcct atcaacaacc    120
agcctctctc agaggagcag ctcatcgaca tcaaagttgc tnacccannn cgacccaanc    180
ctcnctccgc caccancntc ccagccatnc tgaangcctt gcacanatga gtgnnatgca    240
ggnnatgctg cacaggtnca ctctncgcca gnaactgctg acaacccggc aggagctgnn    300
ccatgctctg taccaacacg atgcttgcct gccgagtcat tgcccggctn acnaaagagg    360
ncactgcngc tngagangct ntggctactc tnaanccaca ngctggnctt atttgtacct    420
caggctgtgc caa                                                       433


<210> 677
<211> 111
<212> DNA
<213> Mus musculus

<400> 677
aactgagatc cggacatggt ggcagtgttg gaagtgatct ccagtctgga gagataccc      60
atcaccaaag aggcactgga ggagacacgg actagggaag ctcatcaatg a             111


<210> 678
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 678
gactgagaga ctgtgaatcc tgcaggatga ctgaatgaac ccttgattca cggacatgcc     60
ggaggagttc aacatgggca cacacgactg tcacagacgg cagattcngn tnctacttgn    120
gggngnngaa ganntagcct ntctacangt tncannnnga tnnaagggag nacntngntg    180
ntggcggaac acctgacttc caggcaacta gggtgaggat cttataccca tacccactgt    240
gacacaacca ttccaaccag gtcacaccta ttccaacaag gccacacctc cagatggtgc    300
cactccctgg tccaaggata tacaaaccat cacattccac tccctggtcc ccatagactt    360
gttcaaaaac atgagtctat gggggccata cttaaacaaa gcataatgca aaatgcattt    420
agtccaactt tcaaagtcct catagtctat agcagtccgc aacaacatta aaagtccaaa    480
gttcaaaaaa aaaaa                                                     495


<210> 679
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

178

<400> 679
```
gactgaggaa gccagagcta tgcagttctc cagctcatcc aggacatcag atgagaatgt      60
ggactatttg ttcaaggtca tccttattgg ggactccaac gtggggaaga catgtgtggt     120
tcagcatttc aaatctggag tctacagtga gtcccagcag aacaccattg gggtggactt     180
caccgtgcgc tccctcgaga tagacggcaa gaaagtgaag ntgcnagggt ncacacacgg     240
naggncanga gcnctnccgn accatnaccc aaagctacta ccggagtgcc cacgcagcta     300
tcatcggtta tgatctcaca cggcggncca cattnaaatc tgtccctcac tggatccacg     360
agatagaaaa atatgggagc tgccaactng ntcatcatgc tgatcgggaa caaatcagac     420
ctg                                                                   423
```

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<400> 680
```
taagagtgag ctggtacaga aagccaaact ggctgagcag gctgancgct atgatgacat      60
ggctgagcta tgaaggccnn aacagancag ggacacgaac ttttccaatg aagaagagga     120
attctactct nttgttgcct acaanaacgg tggtaagggg gccccg                   166
```

<210> 681
<211> 206
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<400> 681
```
tcgtacgctc tcaaccagag actatagcat gtgctngnat ctaccttgcn ngtagagcac      60
ttcaaattcc cttgccnact cggncccant ggnttcttct gtttggnacc acagaagagg     120
agattnagga aataatgcat agagacgctt agactntata ccatggaaaa agcctaacta     180
tgaatgagct ggaaaaggaa gtagaa                                         206
```

<210> 682
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<400> 682
```
aggccgaagg actgaatntt ccataataca tncttaaaac cttcaagaat ggttctagca      60
gatcttggaa gaaaataaca tcagcattac ngctcattga gcantgccac cattatcaat     120
gaagaggtat ttaaatngct attgctgaaa gaaagtatgt ccagcattta ttggaagcag     180
atgttattat taacntaggg aagcacctca gaaaaatgtt aaagcctggc atttggttct     240
tgaaaanatg gccttcnggg gggggccaa aaaaaaa                              277
```

<210> 683
<211> 151

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 683
cgcagttact cttttcatgt ataaagcagg gatgctgnat ctacctcaca cgggtactaa   60
aagcaaaaca cgggaatcca aagccctggg gcacatgccc gacatctgaa aagctggngg   120
tttctcccac ctcccttccg agtgcatgct g   151

<210> 684
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 684
gatggaagcg tccagactcc ggcagaaggc agaggagctg gtcaaggaca gcgagctgtc   60
accaccgaca tctgcccct ccttggtctc ctttgatgac ctggctgagc tcacaggaca   120
ggatacaaag gtccaggtac atcctgctac cagcactgcc gccaccacca ccgccaccgc   180
caccacggga aactccatgg agaagcccga gccagcctcc aaatctccgt ccaatggcgc   240
ctcctcggac tttgaagtgg tccctactga ggagcagaat tcacccgaaa ctggcagcca   300
ccctacgaac atgatggacc tggggccccc acccccagag gacaagcaac ctgaagctcc   360
acctgcagcg cctggagacc acccttagcg tgtgtgcaga ggagccagac cacaagccag   420
ctnttnaccc acctgggccg catggcctnt agtttaaaaa aggtgggccc c   471

<210> 685
<211> 217
<212> DNA
<213> Mus musculus

<400> 685
gactgaggaa aggcctggaa gaagaggcca ccaaacaacc caaccctctc tccagtccct   60
tgatctactc gtcgcctgca tctggagacc caatggccca agcctactgg cagtgctacc   120
cctggcttat tctcctctgt gcatgtgcct ggagctaccc agagcccaag taccttggaa   180
gggaagatgt gagaaactgt tcaaccagcc ctgaggc   217

<210> 686
<211> 168
<212> DNA
<213> Mus musculus

<400> 686
gactgaggct ccagccttcc cccagccctg gttgaaatcc tcagtggtta ttcatgaaga   60
cgcacccacc atgttttatg ggactcattg cattactagt gtaagataaa cctagttgta   120
ttcatttctt gtggctgatg taataaattt aaaacaacaa caaaaaaa   168

<210> 687
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

180

<400> 687

```
ccagcaccta aagaaggtcc tatgccagtt ntggcactta tgtagtgttt agaggcaggc    60
agcagggggc ctatngtcca tgtggacaca cacttcatcc aggctgncct actctcccgc   120
ccttgggctt ccttggcctn tgatganttn ggctgatggc caacacctca cagccatgag   180
accgagcaaa aagagactgg ggantttctc agctggcttt cgcccttcct canaggagtn   240
ggcccttggg accttgccct gaaagctggt gatcgctgnn aaccccacca tncctcccca   300
anggccttna tgggcacggg cccatgatct tnacctggtt tnagccctga gcgccntgag   360
tgcccgggcg ncnggancta cctggttttt agggaggatt cttggatg               408
```

<210> 688
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 688

```
acacagcacc tgcctttgag ggccgcncgg agatctgata atgccctcaa ggctggntgn    60
ctatgctgnt gaaagctaat gaccatgagc tggctcaggc catnctgann gnagccagca   120
tcaccctgcc tcatggaacn ctttnnnaat gctatagacg agcnggccaa ccgcttataa   180
acctgcacca tctattgncc tgtccccacc tnntngaact tgctgctgca ncacacagga   240
ggagganagc ctgtatcctc cccnagccca cccctagtgn gcgccgngaa ttcccactga   300
aagtgcgcct cttccacagg caaggacgng aggntnaatg ccagcctgcc tgacaccggg   360
gggggcaact naagaggcag ctggcccagc cnggagggca tttgagccnt tcctggcana   420
natggttntt ttttgggaaa gctgcttaca ac                                452
```

<210> 689
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 689

```
ataggagcag aatgttcagc agaggcctac atacnnaana ctctcgaggg aacaggcttg    60
ccatttcaca gttgatgaga gttctgtggc tgggaagaga gtcgacagta acgaaacagt   120
ctcgccatct tcactgcctt catctgtgag aactgctggg ctaaagcccg aaactggacc   180
cctcatgttt tggtcacagc aaaatatcac agaacagggt tactctgaca actctctgtc   240
cagagaactt acacttctgt ctgcctgcaa tgctgatagt tgtcagatgc caaaactcca   300
ctgccaccgt tcaccacccc ctttgccacc aaagaaatac tctacagcca gngcaccaag   360
gttagagaga gttggactta gccctgatgt cggggttacc gaggcgttta acactaatcc   420
ctccagcc                                                           428
```

<210> 690
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 690

```
gaaagcttga ggccttcccc anctggcaaa aatgaagaaa cagatccacc ccgttcctcc    60
tcaggggngg gnnactttnt ctttancacc atttcccaca atgccaagcc acacgggncc   120
ccttgccntn atcccnacct tatgattctt tatccttggc ttgggaanaa cagccttcct   180
```

```
tttaagcctc ccccaaagtc ccctctttgg aacccaaggt ttnaagggng gggggggntc      240
ctaaaangtn tntccnaagc ctcataaact cttaatggaa actcaggaac ccttggattg      300
gacccc                                                                 306


<210> 691
<211> 474
<212> DNA
<213> Mus musculus

<400> 691
gtgtatgtgt cttacaacta tggaaaatca ttcagtaaga tttcagagaa gctgaacttt      60
ggcgtgggca acaacagcga agctgtgatc tcccagttct accacagccc tgccgacaac     120
aagaggtaca tctttgtgga tgcttacgcc caatacctct ggatcacgtt tgacttctgc     180
agcactatcc atggcttctc catcccattc cgggcggctg atctcctcct ccatagcaag     240
gcctccaacc tcctcttggg ctttgacagg tctcacccca acaagcagct atggaagtca     300
gatgattttg gccagacctg gatcatgatt caggaacacg taaagtcctt ctcttgggga     360
atcgacccct atgatcagcc aaacgctatc tacattgagc gacatgaacc ctttgggttc     420
tccacagtgc tccgcagtac agacttcttc cagtcccggg aaaacccagc cggg           474


<210> 692
<211> 126
<212> DNA
<213> Mus musculus

<400> 692
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg      60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaga ggaagaaatg aacagaaaca     120
aaaaaa                                                                 126


<210> 693
<211> 283
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 693
agagaagcca gccaaagaat gtctcgtggt attccagccg attcttccca cttccgatgg      60
gttaagccac cgttactgat tcgcatttgg tgtttgctat tggactgaac ctgctgatat     120
cctgacatga agcttagagt cgatctaaag aactacttct aaacaggtcc acaatgccct     180
tgtcctagta accgtatctc tcccctacct ctggtcggtg ctctagaagg gagattgatg     240
cattgnagaa ccccaaataa aataggcttt ggaaaaaaaa aaa                       283


<210> 694
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 694
ccaggtccca gtgataagaa atcagaacta ctgccagcta agtggaacag caataaagaa      60
ctgtatgccc tccggtatga gtctaaggat ggagccagaa aactccttct gaaagctgtc     120
tctgtggaga acggcatgat catcaacgtg ctggaacttg cacacagca ggtggcagac     180
ttgaccctga acttagatga ttatattgat gcagaagacc tgagtgactt ccacaggacc     240
tataagaaca gtgaggagct tcggtctcag atcagatctg gaattatcac acctatccat     300
gagcagtggg agaaggctcg tgcaaacagt cctccgaggg agttcccacc tgccactgcc     360
```

182

```
agagaggngg acccactcca gatttcctca caccgncctc atactancag gcagcctgct      420
tggcgtgatc ccct                                                         434


<210> 695
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G


<400> 695
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg       60
tggaaagaag ccggaaaaca ctggcggaac cagtatttgg aaggctgggc cagaggtggc      120
tgtcaccatt gcttgttgac ccagacagta tagaacattg tgacacacac tgatgtggct      180
gctgctgttg aatccctgct ttaatgagct gtaggagata cttaatgaag ccttacttcc      240
agatggcttt tccagatggt tggcagttct aggaaccacc ttaggtctc cagagaacac       300
tggcagtgng ctttttttgg ctctaactca gatctctctt gtactagagg acggtctgga      360
gtctgggaac agctggattt aaatcaagtg ctgtgatagt acttg                      405


<210> 696
<211> 101
<212> DNA
<213> Mus musculus


<400> 696
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg       60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaaa a                          101


<210> 697
<211> 433
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G


<400> 697
gtcggatcat aaggcagcct tctgtcagtc tgctctgccc cttccctcga ggagcgccct       60
gccttgctga ctttctctgc ctctggcttc ctgtgatagg tggtgtcatt cccctccaac      120
ctgagtgctg gcaggtacac tgctggccac cagcagatgc ccatgaagat gctgacaatg      180
aagatgctgg ccctgtgctt ggttcttgct aaatcagcct ggtcggagga acaggagaag      240
gtggttcatg gaggcccgtg tttgaaggac tcccaccctt tccaggctgc ctctacacct      300
caggtcactt gctgggnggg ggggcctcat tgacccacag ngggtgctga cagctgccac      360
tgcaaaaaac cgaatctgca ggngatcttg gggaaacaca aactacggca aacagagact      420
tttcaaaggc aaa                                                         433


<210> 698
<211> 436
<212> DNA
<213> Mus musculus


<400> 698
gtggggtctt tcacccgtag ccgactcttc accttcccgt aaccgcgtct cttaccggtg       60
atggcggtga actgctggat taacccttc agcgccgacg acgccgcgga gccccgtgg        120
gcagccatct taccgccgcc gccgccgccg cggaacaaca acacagacac acacggggct      180
ccctcccca ctccgcggcg tgctgtgcgc aggcgcactg gcaggcccga agctccgccc       240
tctccctgtc tgtgcgcgtt ttgcgcaggc gtactctccg cgagccgccg ctttggtttg      300
aagcctgtgc tgctggctgg tagctattct ttgaaacatt tggtgccttc tctgaattcc      360
```

183

```
ggagatatcc tcctaagtac cgcattgaat cccaacatcc caaagaatct tcggacctga      420
aataccaaac tcttgg                                                       436


<210> 699
<211> 177
<212> DNA
<213> Mus musculus

<400> 699
aatgggagct gactgacatg gtggtgtggg ttactggagc gtcaagtggc attggcgagg       60
agctagcttt ccagttatct aaactcgggg tctctctggt gctgtcagcc cgaagggcgc      120
aggagctgga gcgggtgaag agaagatgcc tggaaaatgg caatttaaaa aaaaaaa        177


<210> 700
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 700
gttaatcctg ccatacgaaa gatttattaa gggagaagaa gataagcctc tgccgccaat       60
caaggcctcn gcaaactnga atgccctgcg aggccnaaat gagantnaan caaaagtctc      120
gggaaacana cgtancngng nggactacgc cccctttttga gnaagaaaaa actggctaag     180
tccaagctga attggcctcg ctggccattt aaatggcgcg ccctcgagga attnggatcc      240
ggcgcgccat ttaaatggcc gctatggcca attctttttgg tttttaccct ggaagaaata    300
ctcataagcc acctctgtta tttacccccca atcttcacaa gaaaaactgt aa            352


<210> 701
<211> 434
<212> DNA
<213> Mus musculus

<400> 701
gtttattgaa aatatggcat aacagattaa acagctccac gtggtgtttt gaaattcatg       60
ccaactgtag gctgagtgac ctgaaggtta gagagactgc caaagtccag gagcttcagc      120
atctccttgg tgtcgggatc cacctcaatg atctcctgat ctagggctga gacctcagga     180
acgtagttat ctctcctctc tctctcttct tcctgcaact tgatagagat gcctctcaca     240
ggccctctct gaatccgctt catcagatgc gtgatatagc cggctatctt gttccgaagc     300
ttcttgctgg ggatgatggc gatctcctcg cacacgcgct tgttggtggt gaaagcatta     360
cccagacgcg tgtagtactt ctagatgatg acccgggcag ccttcttcac ggtcttggtg     420
cgaaccagcc tttt                                                       434


<210> 702
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 702
gcccgtggga ttgacgtgca acaagtgtcc ttggttataa actacgatct acctaccaat       60
cgtgaaaact atattcacag gagtcgatag cggcagttga tgacgagatg gcactcagaa      120
acggcgttga cgtaatttag gacgtggaan cataagcgaa acagcacact gtttgaacaa      180
agagcgagtc gaattggcag agggggtcga tttgggagga aaggtgtggc tataaacttt      240
gttactgaag aagacaagag gattcttcgt gacattgaga ctttctacaa tactacagtg      300
gaggaaatgc ccatgaatgt ggctgaccta atttaatccc tgggatgaga tagttttgaa      360
```

tgc   363

<210> 703
<211> 333
<212> DNA
<213> Mus musculus

<400> 703
atgatttcct gctaaatggg agcctgggac tgggagggct cctcctcctg cttgtcatca   60
tcctgttcat ctgcttgtgc cggttcagcc agagagtgaa gagactggaa aggaatgccc   120
aggtctcagg gcaggagccc cactatgcat ctctccagca gctgccagtg tccagtagtg   180
atatcacaga catgaaagaa gacctcagca ctgactatgc ctgcatcgcc aggagcacac   240
ccacttgagt gccccccaaaa gctctcctcg ccctgggtgc gtgctcagtc acactatggt   300
catctagtaa agtctggttc cccacttctg aaa   333

<210> 704
<211> 528
<212> DNA
<213> Mus musculus

<400> 704
agtttgtgag aagcttctat aatggtctgc ttggctctcg tcagagctgc ctatgagcac   60
atctacctgg tgaggaaggt cagtcatgcc tgcagatgcc atcaacatcg ggcttggagc   120
tcaaagccag ctgcatcaca gtctgctgtc cagggtgctc caggcagtgt gctggagata   180
cttggtaaat cctaccctca ggatgaccac actaacctca cccagaaggt cctttccaag   240
gtgggcagga acctgcacaa ccagaagttc caccctctgt ggctgattaa ggagcgggtg   300
aaggagcact tctaccagca gtatatggtg cgatccagga cacctctatt ctccgtctat   360
gaccagcttc ctccagtggt caccacctgg cagaactttg atagcctgct aatcccagct   420
gaccacccca gcaggaaaaa gggggacaac tattacttga atcgggcaca catgctgaga   480
gcacacacat cagcgcatca agtgggactt gctgcatgcg ggacttaa   528

<210> 705
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 705
ggccaagctc agacattacg gagcccagag ccagaggcga tggagctgag ccaccgacaa   60
ggtacaacca cgttgacaag gacacacccg aacgacaagg agggccagca ggacatgaac   120
tccttcagag ctaaccatag ctccttggac aactccaaat ttaagtacca tgcaaggctc   180
tcccagagcc ccttaggcag ctccctgggc cagggctacc tggagactcc acctctacca   240
ccaactccta cctgcaggac ttctctgnct atgaactccc atcctgagga cctgaagaag   300
gggcatccag atccagctcg agagatgcca gggagacctt ccgagaggga tgtgtcgggg   360
gaggaaggnc aagacttcag gtcccaaaac aaangacagg ggcctttgac caagaaggac   420
agggtcnttc ttgaaacatc cgcccccaaan ttgggagcaa gatgggggac caactgatct   480
ttgaggatna gctcgacagg ccattggtga aaa   513

<210> 706
<211> 518
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 706

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aaaactagaa aagagaagac aaaatcaaag accgaagaag caacagaagg aatggaagag      60
gccgtttcct ccaaagcaaa gaaaacaaac aagaaagggc cttctgagga tgatgtggat     120
ccccctaaat ccaggaaggc caagaagcag gaggaggagc ctcaagacga cactgcttct     180
acaagcaaaa cctccaagaa gaaaaaggag ccccttgaga agcaagcaga ctctgaaacc     240
aaagagataa taacagagga gccttccgaa gaagaggcag acatgcctaa gcccaagaag     300
atgaagaaag ggaaagaagc aaacggagat gccggagaga aaagccccaa gctgaagaat     360
ggactctccc aaccttccga agaagaggca gacattccta gcccaagaa gatgaagaan     420
gggaaagaag caaacggaga tgcttggaga gaaaagcccc aagctggaag aatggactnt     480
cccaaccttc cgaagaaaaa ggtagacatt cctaagcc                            518


<210> 707
<211> 278
<212> DNA
<213> Mus musculus


<400> 707
tgccccccca ggagacaaag agcctcatga aggcttccta cacgcccgag gtgatagaga      60
agtcggtgag ggatgtggaa cactggcacg ggaggaagac ggatgaccta ggccggtggc     120
accggaagaa tgctatgaac atgaacttgc agaaagcgct ggaagagaaa tacggagaga     180
agagcagatc caaggccaag tagttgaaag gacattggga ggaagcttga gaatgttgcc     240
aataaagaaa taaaggctgt ggtctgcaaa aaaaaaaa                            278


<210> 708
<211> 423
<212> DNA
<213> Mus musculus


<400> 708
tgctgaagac agcgcagaat caccccatgg taagcactct gggccacctc ccttcatgtg      60
cccacagctc agtcttttgc agttcatgat tgaaggcctg gcaagatggc tcagtgggta     120
aaggtgcttg ctgccaagcc gaaggacctg agttcaatcc ccaggaccca tgtgatgatg     180
gaggggttca tgacttccct gaagttgttc tctgccctgt ctgcacacag acagaatggc     240
aaatgcaata caaaggaaaa cgttcacaaa gaaatctata gccggcatgg tggtgcacgc     300
ctttaatccc cgcacttggg aggcagaggc agcgaatttc tgagttcgag gccagcctgg     360
tctacaaagt gagtgccagg acagccaggg ctacacagag aaaccctgtc tcaaaaaaaa     420
aaa                                                                 423


<210> 709
<211> 198
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G


<400> 709
cttgttacct aaaaccccgg gcagaggagg agaggagant agcagcggag gaaaagaaga      60
gacangggng gggggggncaa tttngtttgg atttgacggg gcgcncannn tgacanaann     120
gncaagtgag gcgtcagcga gcttgctttt ctctagtcgt tgagaacgaa taaagcttca     180
ttgtgcgaaa aaaaaaaa                                                 198


<210> 710
<211> 277
<212> DNA
<213> Mus musculus


<400> 710
gtgtataggt gtgaaccaag tgcacgtcta gttcccttgg aggccagaaa gaaggcggtg      60
tcagatcccc aggaaccata gttacagatg gttgtgtagt ctcccctccc ccagcctgaa     120
tcctgcttgc tcaggggtgg agcttcccgc tcaatcgttc agccatgccc actgctggaa     180
gctgccgctt tgctgttcgg agccggagcc gtacacgtgg tcaccctgct attggacccc     240
```

aagactaatt ggcgggaatc ggccccttcc cctgctt   277

<210> 711
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 711
gtgtataagg tgtgaaccaa gtgcacgtct agttcccttg gaggccagaa agaaggcggt   60
gtcagatccc caggaaccat agttacagat ggttgtctcc tgtagctcaa cctggcctgg   120
aattctctat gtagctgcaa gtgaccctga ccttctgagt cttctctacc ttccagtgta   180
gtctcccctc ccccagcctg aatcctgctt gctcaggggt ggagcttccc gctcaatcgt   240
tcagccatgc ccactgcngg aagctgccgc tttgctgttc ggagccggag ccgtacacgt   300
ggtcaccctg ctattggacc ccaagactaa ttggcgggaa tcgggcccct tcccctgctt   360
tataattgcg tgtggaacag taaaattgag ctttgatcag aaaaaaaaaa   410

<210> 712
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 712
gggtggtaag ggtggtggaa acccangtgc cncgtcttaa gtttcccttt gggaaggccc   60
agaaaagaaa ggcgggnggt caagaatccc ccaggaaacc cataagtta ccagnatggg   120
ttggatgttt taaacccctca agacagggat gggggcttgg gggcttgggc caacaacttg   180
ctcaacattc ttctgagtct gacgggctgg tggagtgtga gcgtggctcc taaatttctt   240
gggtaggact gaagaagcac ttttaagatg tggaaactca gagaggatgc cactgttttg   300
aactattttg aaggcacagc caccagagct ttaggtcaga agaggtcctt ggaactggaa   360
ttacaggtgg ctgtgagcct ccagggacag ggtattttat cacagcaaca gaaatgaaac   420
caaaacaact ccacaataaa attcttgggt ttcttggggc caagaagatg acacgataag   480
gataaagaca ctggccaagc atgaccttca gagtttggcc c   521

<210> 713
<211> 508
<212> DNA
<213> Mus musculus

<400> 713
attgactcgt ggtgcaaaga caacagctat gtgatcgctg gctattacca agctaatgag   60
cgtgtgaagg atgccagccc aaaccaggtg gcagaaaagg tggcctccag gatcgcagag   120
ggcttcggtg atgccgcact catcatggtg gacaatgcca agttcacgat ggactgcgca   180
gcgcccacga tccacgtgta cgagcagcac gagaacaggt ggcggtgcag agacccacac   240
cacgactact gtgaagattg gccggaggca cagaggatct cagcttcact cctggacagc   300
cgctcctacg aaacactcgt ggattttgat aatcatctgg acgacattcg gagcgactgg   360
acaaacccgg agatcaacaa agcagttctg cacctgtgct agacaaggac cacactacag   420
cgaagacgga agcatatttt tacatttata gaggaatagt aggttagccg gaagggaagc   480
tgcaagtgtg ccttggaggg ggtgccgg   508

<210> 714
<211> 532
<212> DNA
<213> Mus musculus

187

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 714
gactgaggaa tagaagacat cttaagtagg ggctcaagag ctggatagcg tcatcaagca   60
agggtacctg gagaagaaaa gcanagatca tagcttcttt gggtcggagt ggcagaagcg   120
ctggtgtgtt atcagcagag ggctcttcct ctactatgct aatgagaaaa gcangcagcc   180
caaagggacc ttcctcatta agggctacag tgtccggatg gcccctcacc tgcgaaaaga   240
ttccaagaaa gaatcctgct ttgaactgat ctcccaggat aggcgcagct atgagtttac   300
agcntctagt ncagctgaag ccagagactg ggtggatcaa ataagtttct tgttaaaaga   360
tcttagctcc ttaaccattc ccttcgaaga ggaggaggag gaagaggagg aagaagagaa   420
agaagaggaa naaatgnaca atgacgtcga tggctttgac tccccaaggt ctggctccca   480
gtgcagagcc atggccttgc ctgagcctac tgagaaagag gaggacattt at   532

<210> 715
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 715
gcttctgcaa agagagtccc agccttgcca cgaggcggaa gtgactgagc tgccacatcc   60
ttcanngtgg agacatccag aagacagaca acttggccag agggaaatga aggtgaagag   120
aagccgagga gattggaatc tagtgccgaa tttgcatccg atgccgagcc taggangtca   180
nagaagacct agggtacaaa agaggaagna gcaaaggga agntcttcct tctgatcccc   240
tctattaggt ggaggacctc ggnggngaga cctccgcctt ctgctctgta tcgctgcact   300
tgantaccat aaggggagc cctacc   326

<210> 716
<211> 210
<212> DNA
<213> Mus musculus

<400> 716
gccgcccgtg cgtggattgc cacgcatttg aattcatgca gcgcgccctt caggacctac   60
ggaaaaccgc ctacagcctg gacgcacgga cggagaccct cctgctgcag gctgagcgcc   120
gggctctgtg tgcctgctgg ccagctggac gctgaagatc tttggccagt gatattcctt   180
gtcaataaat gcctgctagc aaaaaaaaaa   210

<210> 717
<211> 495
<212> DNA
<213> Mus musculus

<400> 717
aaaagcttca ctggcctgaa catgaacttg ctaagaagtt tgttctaaat gcagaagagg   60
cattgatcac tgacagcaaa agaagctttt cgagtttgtc ctctgggatt ctcaaggaca   120
ctttcacaac tggaaccagt agttacaatg ttctactaca gagcaaggag gagaaaaagc   180
accgttcaca aaagcggttt tcctctgcca gctccaaaca acataggaag cccagcaaat   240
ctcctagctc ctctcatagc aaagatccta gcaggatgac agccctggtg cctgggacag   300
gcgctggcac ttggtactgc ctagacgggc agtctgctgt ttttgttact agctcagtac   360
caagtcctgt aaaggtcacc cgtgatatct ctattacagg aagcggccta gcactgccac   420
ctaaaccaaa tagcaagggc aaacgacgca acctgacccg gcttccaaag ccaaagcaac   480
agcctcagct gtgta   495

<210> 718
<211> 147

188

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 718
atgagaagac gagaacaaag aaagttgata atgaactcaa ccctgtctgg aatgagattt   60
tggaatttga cttgagggggg ataccactgg actctttcat ctttccatgg tggattgttg   120
tcaanagatt ttgagacaat tggacca   147

<210> 719
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 719
gctctgggtg ctctaggatg agcgctacac atctgtggct tttgggtata aagactgtgc   60
ggcttattac caagccgcaa gcccaagaac caaggtagat gccatccaca cccctgttct   120
ctgcctcaat gcagcagatg accccttctc cccagtccat gccttccctc tgcaggctgc   180
ccagaagtct ccctatgtgg ccctgctcat cacaagctcg gggtggccac attggcttcc   240
tggaaagggc tgatgccctg gcaacactgn tacatgaacc ggggactaaa ttaatatgcc   300
caa   303

<210> 720
<211> 391
<212> DNA
<213> Mus musculus

<400> 720
gtgttttgtc tgcatgtatg tcagtgctcc acaggcatgc ttggtgccta cggaggccag   60
aagaggacat caggtcccct gtgagttaca gatagctgcg agctgccacg tgggtactta   120
gaattgaact caggttccct ggaagaacag ccaatgctgt tgacttggtc ttgcctcacc   180
acctgtcttt cctcagtcca tgagtgttgc cttagcaaaa ctccacgtgc gtctttatct   240
gacatcgttc tatcggtcag agtctttgga agaggcaaga agccgcagga atctctccat   300
ttatttctct ctatgagtct tgaccattgg agctcaacaa cgcatgtaaa gtgaaccaat   360
acatgtgtgt cattatcgaa gaagaaaaaa a   391

<210> 721
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 721
gtaaaatatg aagttacaga ggatgtatat acttccagga aaaaacaaca ccagaccatg   60
atgcattatt tttgtgcact aaatactctt cagtacaaga agaaaatagc tttgttagaa   120
cctctactgg gatacatgca ggctcagata agtttcttta agatgggttc tgaaaatctc   180
aatggacaac tggnagaatt cttagctaac attggaacaa gtgtacagaa tgttcgaaga   240
gaaatggatg gtgatgtaga gaccatgcag cagacaatag aagacttgga ggtagccagt   300
gacccttttat atctgcctga cccggatccc accaagtttc ccatcaatcg aaatttaacc   360
cgaaaggctg gatacctaaa tgctaggaaa tcttcaatat tgcaagcaga gagtaaaaag   420

```
gaccatgaag agtggatctg tacaataaac aacatatcta aacaaatata tttgagtgaa      480
aatccagagg aaactgctgc acgagtgaat caagtctgct ctaga                      525


<210> 722
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 722
attttatcat gtgggcatcc tgctgcaact ggttctgctt ggatggacag cctgnggagg       60
caccaccacc acagggagcc aggacacaag cctattccaa ccctgggtac agctccttcc      120
cttcccccgc aggctcggaa cctagctgca aggcctgcgg ggtccatttc gcaagcacaa      180
cccggaagca gacctgcttg gactgnaaga aaaacttctg catgacttgn tcgagccaag      240
aggggaatgg gccacgcctc tgccttctct gcctacggtt ccgagccacg gccttccagc      300
gggaggagct catgaagatg aagg                                            324


<210> 723
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 723
cctacaagga gaagatgaag gagttatctg ngctgncgct catttgctcc tgcttntact       60
ntcancctca cccgacacca tntacnagca tggcaanntg ganntaacca ngctgaacnt      120
gntcaaaagg tgggnactac ccaccttttg agcaagttca gcctggttaa gtccaagctg      180
aattggcctc gctggccatt taaatggcgc gccctcgagg aattcggatn cggcgcgcca      240
tttaaatggc cgctattggc caattttttt gcttttacc ctggaangaa atacttcnat       300
aagcncctnt gntatttanc cccaatcttc acaagaaaaa ctgtaatctg tc             352


<210> 724
<211> 288
<212> DNA
<213> Mus musculus

<400> 724
aatccagcaa ctatcacgag aatactcctt agccacttca attgggataa agagaagcta       60
atggaaaggt actttgatgg aaacctggag aagctctttg ctgagtgtca tgtaattaat      120
ccaagtaaaa agtctcgaac tcgccagatg aatacaaggt catcggcaca ggatatgccg      180
tgtcagatct gctacttgaa ctaccctaac tcgtatttta ctggccttga atgtggacat      240
aagttttgta tgcagtgctg gagtgaatat ttaactacaa aaaaaaaa               288


<210> 725
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 725
ccggctggac ccccattatc cnggggggggg gggatcgaaa cttgggcaan ggaggctcca      60
```

190

```
cccccctccca ntgatcttct gctccncatn ccggaactct acccgctc              108
```

<210> 726
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 726
```
gtgacggtgt tcgagtgacc atgncatagc gccttgactg cccgacaccn ngtaggggtg    60
caggactttg tcctgctgga gaatttncca gnagaggctg ccttcattga gaacctccgc   120
cggcggttnn gggagaacct catttatacc tacatcggtc ctgncctact ntnngnncaa   180
tccctaccga gacctacaga tctacngccc ggcatcttat ttnaacgggn nncgtgntag   240
nnagtannnt angacngtnc cancctcatt tngttngcac nggcttgaca ctgtataccg   300
ggcacttcgt actgagcagt cgagnacccg gcagtgatga ttntctgggn ngagagcggg   360
ggcaaggcaa gacagaggca cacaagaagg gagggnaaga ctttgcctna gtanganaga   420
cttgaagcaa atcctaaagt gaagccccgc ccctcag                            457
```

<210> 727
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 727
```
gaactgagga ggctgtgcat aggtgttctg cagaccatga actgatcact agtccccaga    60
cattcatgag cacagtgtga ggctcctgac ccacntccaa gntctctnng nnctctntga   120
ctaagcnacc tccngngnnt acnnctanan gccacgatnc naatcctgcc ntntngttac   180
tgnnnttgcn aatagagacc tttcacatgt nagaggtgta accngacaan aaacggctnc   240
gancggagtg ggnngatcga tatggaantg agatnctatt tttntcaaan actatngcaa   300
nantgntcga ctnagncggc cccggactgg dacaangtgc ntgctcaagt acacccgagt   360
acaacgagcc acaacgagag ccgcaccaaa tgctgacatc atcgagaccc tgagggaaga   420
agggtttttca acgggctgtg acagcccaga gccggatggg gaggactcac tggaatta     478
```

<210> 728
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 728
```
ggagatgtct gcttgnccat gactggctgn cttcgnggac tgaggntcat acgtgccngn    60
aaacaatcct aangctgccg tncctannaa tcacatccca ngctagactn gaccntcana   120
cctgtnaacc canacgggcc anaaacaagc ttaccagtna gtttggtctc aggancaggn   180
gtgtgagccc ttggngctgg ggctattgga ttggcctacc tacatcctca acagtctcca   240
ctctgcctga atgatcctga gggtatcaga aagccctaca ctgttggtac ctgggcccca   300
acatactgtg aacggaaatg ggccttcttt cttttcctat aggttatttg ctggcagttc   360
tattaaactt gtttctaaga gaaaaaaaa                                     389
```

<210> 729
<211> 337

191

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 729
gaactgaggt cgtctgtatn acaacataaa cttccagcga aaatcagttg tgggatttgt   60
ggagctgact atatttccca cagttgccaa cttgaataga attaagttga acagtaaaca   120
gtgtagaata taccgagtcc ggatcaatga cttggaggcc cgcttttatt tataatgatc   180
caaccttaga agtttgtcac agtgaatcga aacagtaagt tgggcacgtt aagaagctgc   240
tgtttgtacg tcatcctgtc actgttttca gagattgttt ttcaacaaac tttcccattc   300
ttattgtaat aaagctatgt gttgtataaa aaaaaaa   337

<210> 730
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 730
gaactgagga ccttggcacc atggttacct tgaaccgata tgcaacgtga cctcaaggat   60
ccagctactg gctgcatcaa gcanactgct nnntcctgct ncaagatgga atgaancnac   120
tnttctgntt atgaanagaa ncctgnntga ggcnaacgaa ccnttgannc actgcaccgc   180
ctnncagncg ctccanacca ctcatntcan naagctcagc tttttntac tccaggntta   240
angcagcatt ancacttcat tnntattctg cttttggaaa agcagtgatn agatgaacat   300
ttgatcttcn ctgtttatca tcanttnttt actttggagg ananagcttg gaagataagc   360
ca   362

<210> 731
<211> 434
<212> DNA
<213> Mus musculus

<400> 731
gaattgaggc tgcttctggg acaacggcca cctgtaccgg gaggaccagc cctcgcccgc   60
gccgggtctc cgctgcctca actggttggc cgcgcaaggc agccgcgagt cgctcaccga   120
gcccagcccg ggcaaccaca actactgccg gaacccggac caggacccgc gcgggccctg   180
gtgctacatc agcagcgaga ccggcgtccc tgaaaagcgg ccctgcgagg acgtgagttg   240
cccagagacc acttcccaag caccaccgcc atcctctgcc atggagctgg aagagaagtc   300
tggtgcacca ggtgacaaac aggcacaggt gttccctcct gctaacgccc taccagccag   360
gagtgaggca gccgaggtgc agccagtgat cgggatcagt cagcttgtga ggatgaactc   420
caaggaaaaa aaaa   434

<210> 732
<211> 515
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 732
gaactgaggt gcgatgcctc tgcctctggc gttgtgaggc cacttgcgag tatttgaaat   60
gctggttaat tccggactga gtggactcac ctgtgacctg gaaaggggcc tgaatgagcc   120

```
gntgctgaac gcccctgagc agctcttnca tctccttctg gatgttgcag acgacctcct    180
ccatcaaccc tacatcagct atccccttcc agaacatcaa agtgtcctct ggcacaaacc    240
ggatgagaca gaaggggagc agacacatta cccagaaacc tcagcacatg gctacaacgt    300
tcatttccat tccaaaggat tctgtgttaa aacatgaaag actggctgct tccacaagtt    360
ggacggttgc tgggggtgag aggagatgat cccagttaca tcagtgctca tgtttatgag    420
gaaaaccagc agaggtaaca aaggggtcta taaccctgag ctgtacggga aagtacctga    480
aatctcttca gactctttct ttataccctc ctctg                               515
```

<210> 733
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 733
```
gaactgagag ttctgatggt cagtccacag naagacggcc ttgcgtctgt gggtgttgga     60
gactccattc taaagatata aaaagtgaaa gaggngaagg ccacctntct acctcaatac    120
gantcattat ttgttctaat ga                                            142
```

<210> 734
<211> 475
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 734
```
gactgagacc tcctcaaaga aggcatgctg accaaacaga acaactcgtt ccagcgatcc     60
aagaggaggt actttaagct tcgagggcga acactttact atgctaaaac tgcaaagtcg    120
attatatttg atgaggtaga cctgactgat gccagcgtag cagaatccag caccaaaaat    180
gtcaacaaca gttttacngg tcatcactcc atgtaggaag ctcatcttgn gtgccgacaa    240
caggaaagaa atggaagatt ggattgcagc actcaagact gtccagaaca aagagcattt    300
tgaggttaaa aganangcat atntgtctat gggagcctgc tgangnctct cctgccttca    360
ttctgatcca cccccaccaa ctccaccctt caccccagtta gtattcttcc ccaggggacc    420
ccagnatntg tcctngtaaa atngagnncc catggcttct ttcttttgat aggac         475
```

<210> 735
<211> 130
<212> DNA
<213> Mus musculus

<400> 735
```
gaactgaggt tcgtcttggc accagaacaa ggcactgcaa catcaggcct ttgccctaaa     60
cagctcacga tgccaggaac tggccaatta ctactttggc ttcagtggat ggtcgaaaag    120
gatcatcaag                                                          130
```

<210> 736
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 736

```
gaactgaggt gcaggngtcc ggggcaggcc cgggacaagt cctacttact gccaccacag    60
nccaccaagc agttcctcat ctcccctccc gcctcacccc ccgtggggtg gaagcagagt   120
gaagatgcaa tgccagtgat caactatgac ctgctctgcg ctgtctccaa gctgggccca   180
gnatngngga gatgaaggca cacaatttat natttgatnc naatgtcang tgtactgngg   240
nntgaganca tngcttnnan tgaaagagga gcgacagann gcaagaatgt gacccgnagg   300
acactngnga ttacctntaa caaacgttga tgtttgaaac taataaagaa ttggtgcttt   360
ttaag                                                              365
```

<210> 737
<211> 415
<212> DNA
<213> Mus musculus

<400> 737

```
gaactgaggt aaatttgcta tgctagatta cactccttca aatgtcccgc tggtgaatac    60
tggtctaaag acgtctgttg caagaactgt tctgcaggta catttgtcaa ggcgccctgc   120
gaaatccccc atactcaagg acaatgtgag aagtgtcacc caggaacatt cacagagaaa   180
gataattacc tggatgcttg tatactttgc tccacctgtg ataaagatca ggaaatggtg   240
gccgactgct cagccaccag tgaccggaaa tgccagtgcc gaacaggtct ttactactat   300
gacccaaaat ttccagaatc gtgccgccca tgtaccaagt gtccccaagg aatccctgtc   360
ctccaggaat gcaactccac agctaacact gtgtgcagtt catctgtttc aaaaa        415
```

<210> 738
<211> 524
<212> DNA
<213> Mus musculus

<400> 738

```
gaactgagga tctcatctgg cggtcgggta ctggaagaag cgagggggag agcgcaccgt    60
tgcagagaga cggcaagaga aaagggagac tgagagtcgc gccacgccgg cgccccaaga   120
cccaggagga gcccgcagca gttaggttgt gctgggaatt ctcccctccc ttttgctcca   180
caatgccttg gtgagcggtc acggcgaccg agctactggt ggaagaattg gggctgagat   240
gtcgcggcgg gtggccgcag atggggatgc tggagaagga aggagttcac ctcaagttcg   300
caatctgtgt cggaaagctg gtccggcctg ggagggcgtt tcgagcaccg gccgcttccg   360
gatctggtgg actgatcggc tttaaacact tcccctagat acccctcccc attccctgtt   420
gcgttccctc tgtcctgcgc caacccgctt gctaaaacag ctgagtggcc aagctgacaa   480
taaaatctca tgcctttgcg gtgaggggca ggggtcatga ctca                   524
```

<210> 739
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 739

```
ggctcagtgg ataaaggcac ttgctgccaa gtttattgat ganaangang angnngnnac    60
cnacgtanan acagcnncca gactcacttn tgcnnnctta ntgacctgta cgtgcatgct   120
gggacncact gtacacnctc acacnaatgg acnngaccca agatgncaca cncanggngg   180
ggganannaa tacacngatt cacngagnca taataggtgt cttgcgtact nnntgnncac   240
ancatggnag gaangacagc catgctcctg gcactgcaga ggccagatgt tgtggaacga   300
ttggttgttg tanacataag cccggtagga accacacctg gatcacacat tggagccttc   360
atagcagcca tgaaggctgt tgagatccca gagaaggtgc cgcactccca agcccgaaaa   420
ctggcggata agcagctta                                               439
```

<210> 740
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 740
aggcacaagg gatggaccac caccngctca gccgaccacg ggagagagtg ctgctctcct   60
atctctcccc atagagaaaa caacaggtnt nttcaagcca gtgncaccga gctccactga   120
ntgtacaggc agcagctaca gccaaaagca ggccactcac gggaagtccc ttacagaacc   180
tgntcaggtc acccaggcta agatactaaa tatctttcaa attacacata ttcttgaggt   240
aaaaaataaa caa   253

<210> 741
<211> 136
<212> DNA
<213> Mus musculus

<400> 741
agaggagagc cagcacgcac catggcaccg gccggacaca tcctcacctt gctgctctgg   60
ggtcacctgc tggaactctg gaccccaggt cactccgcga acccctccta ccccaggcta   120
cgcctgtcac ataaag   136

<210> 742
<211> 512
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 742
cggacagaac tggactttca cgtttgactt ctcttttttg agccaagaag aggatctggn   60
atgggcngga gctncggntg cagctgccgg gccccatgga catacccact gagggcccac   120
tcaccattga cattttccac caggccaagg gggatccaga gcagggaccc cgctgactgc   180
ctggagcgca tttggatgga gacgttcacc gtcattnctt ctcaggtcac gtttgcctca   240
ggcagcacag tcctggaggt gaccaagcca ctctccaagt ggctaaagga ccccagggca   300
ctggaaaagc aggtgtccag tcgagcagaa aagttgttgg catcagccct acaccccacc   360
tgtacctgtc gccagcacca atgtgctcat gctctactcc aaccggcctc aggagcagag   420
gcagctaggg ggcgccactt tgctttggga agctgagagc tcctggcggc cccaggaggg   480
acagctgtct gtagagaggg gcggatgggg ca   512

<210> 743
<211> 487
<212> DNA
<213> Mus musculus

<400> 743
gaactgagtt cctgaagaat tcatgtacaa ccctttaacc agagtttatg gagaacctca   60
caaaagacct gaagtccaga atgctactat tgagtttatg gctccttcag aatacatgtt   120
acgaccacca caacctccag tgtacctctt tgtatttgat gtatctcaca acgcaataga   180
aactggatac ttgaattcag tttgccagag tttgttagac aatctggatc tgcttcctgg   240
caacactagg acaaaaatcg gtttcataac atttgatagc actatccatt tctacagtct   300
tcaggaaggt ctctcccagc ctcagatgct aatagtttca gatattgacg gtatgtgtta   360
tactcaaact cactcaactt cctggagaat tgtcccttc agaaatgttt cctgaggtct   420
ttgatgtgtc aggaatgtgt gacatgactc tagtataata aagagaaatc atttggaaaa   480
aaaaaaa   487

<210> 744
<211> 359
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 744
gtgagccacc actctnagnt cctgccgccc tcattgngac cttgggtcct cagcncatgc      60
tcgcacttgt gactacagac ttcccagctc tagaactacn tgctaagnct gagngcccgc     120
agacagatct naagagggca tcagatcact tggaactggt agttnaagac agctgtgagt     180
cnccatggag atgcngggaa tggnaactag gccttctgtg agagcngcag nntggcatag     240
ccgcctctcc accncagagt tttaaacata nataccctac cgattcncaa ctgcncctgt     300
cgtgcaagtg tgcagtccct tagntcgctg tttctacttc ccttttaaag aaaaaataa      359

<210> 745
<211> 130
<212> DNA
<213> Mus musculus

<400> 745
tctcaaagtc ataatcctca cactccaact tgtattaacc caggctccca tttgctgaag      60
taaaagtact gagtttccca cttaccagta cttttgagta ctgtagcaag tggctgggtc     120
ccattaaaaa                                                            130

<210> 746
<211> 349
<212> DNA
<213> Mus musculus

<400> 746
gaactgagaa aaatattttg acaaaagaag agactactta aaattcaagg aaaaatttga      60
agcaggagga ttccagtctt cacagtcgac ctgaaaattc ctaggctctt tctggacttt     120
cacacaagtg gaatttactc ctctggactt gcagaaatga ttccaggaca aaagcagctt     180
gagtcacagt gtgtatcagc acttgttctc tgtaaacaag agttactaaa ttgttggaat     240
agcaaaagat ctcatcatcc aaactatgaa ggactgcctt aattaaagtg agggatctat     300
tctaagaaaa agcataaaat cattatataa aaagtttatt ataaaaata                349

<210> 747
<211> 215
<212> DNA
<213> Mus musculus

<400> 747
gactgagaga agctgatggt ccagggcatc taaccaaagt ggtagaagaa tcaaagcttt      60
caaaagaaaa tcaggcaaaa gcaaaggaat ccgacttatc agacactctg agtccaagca     120
aggaaaaaag cagcgacgac actacagacg cccagatgga tgagcaagac ctaaatgaac     180
cccttgctaa ggtgtctcta ttaaaaggta tttta                               215

<210> 748
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 748
actgagtttt gtggctaagc ccagactgct tgagtgaaac agccttcagg gacgttccat      60
tctttcgttt atcccagtgc ttacaaccca aaaacaaaat tggattgcca caagtcggcc     120
actggctgag gaagtgcact cggnccctga cacaaatgca tcagtcagga gaaagagcca     180
gcttctcagg tgtcttcaga gaaggccaga ctgacagctg cggtcaccca ttgcagtgct     240
agcagcnatt tcatggactg gaagtgcttg ttggtacttg atccagaaaa ctgtttctca     300
```

196

```
atctcttaag aggtganggc nggatcntga nctntaanaa ccataaaggc ttccgtgcat      360
atangtgacc cacaagagct ggataaactg cacctgagca gaagtgcagg actcccttgg      420
nggctctgnt ttanataaga aagtgtattt tttg                                  454
```

<210> 749
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 749
```
aacattgcca tcgtgaagcc aggcaaaaag ggacagccag ccgttatcat ggcagtggat       60
cctcgatacc ggggcagagt gagcatctct gagtccagct actccctgca tattagcaat      120
ctgacctggg aagactcagg gctttacaac gcccaagtca acttgaagac atctgagtcc      180
cacatcacga agtcttacca tctccgtgtc taccggaggc tgtnaaagcc ccacatcact      240
g                                                                      241
```

<210> 750
<211> 466
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 750
```
gaactgaggt tttgtgtgga cagtaatgac cgcacgtttc cgattgcctg ctggcagaac       60
ctacaatgtc cgagcatcag agttggcccg agacagacag catacagagg tcgtttgcaa      120
cattcttctt ctggataaca ctgtacaggc tttcagagtt aacaaacatg atcaggggca      180
agttctgttg gatatagtct tcaagcatct tgatttgact gagcgagact attttggttt      240
acagttggct gacgattcca cagataaccc aaggtggctg gatccaaaca aaccaataag      300
gaagcagcta aagagaggat caccttacaa tttgaacttt agagtcaaat tctttgtaag      360
tgaccccaac aagttacaag aagagtatac aaggttggtt tatggaacta tttctttnga      420
aaacattatc ggagatctaa tatgaaaaat aaaattaact aggcca                     466
```

<210> 751
<211> 504
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 751
```
gactgaggca ttgccttttg gcactcgggg agnaagatgc agcaggttcc gtctcagaag       60
taatggctgg atccctgaaa gccaacgggc tcggtgtggt ccacccgtca gaaggcatag      120
gtagatggtg ggcatctgcc tcagacatag ttctcaagtt cagccagaag aatgcagcgt      180
tgagccctct gcagcccgtg tcgacggagg tgttgtctcc aggaagcatc atggaaaggc      240
gtggtggtgc acaagggcct tcaggatgcc tgcgcctggt gacggntgcg cctcaggttc      300
tgggcctgac tcggaagggt gcctgtgagc agaagagctg gcacgcgcag ctcagtggac      360
catcagtgcc aacccgtcct gtaccctggc tgaggggtgt gctaannggc anattcctgg      420
ttggctcctn gtaaggcgng gcacaaaatc accatcgaaa gaaagggcct tcggnatgcc      480
ttctgtctgg atattgccct gtag                                             504
```

<210> 752
```

<211> 532
<212> DNA
<213> Mus musculus

<400> 752
```
gaactgagaa agtgagtgag aaggtgggag gagcggaagg caccaagctc gatgatgact   60
tcaaagagat ggagaggaaa gtggatgtca ccagcagggc tgtgatggag ataatgacaa   120
aaacgattga atacctccaa cccaatccag cttccagggc taagctcagt atgatcaaca   180
ccatgtcgaa aatccgcggc caagagaagg ggccaggcta ccctcaggcg gaagcactgc   240
tggcagaggc catgctcaag ttcaacctct tggagatgga tatagaacag gtgagccagc   300
tctccgcact tgttcaggct cagctggagt accacaagca ggcagtgcag atcctgcagc   360
aggtcactgt cagactggaa gaaagaataa gacaagcttc atctcagcca agaagggaat   420
atcagcccaa accacggatg agcctagagt ttgccactgg agacagtact cagcccaacg   480
ggggtctctc ccacacaggc acacccaaac cttccaggtg tccaaatgga tc   532
```

<210> 753
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 753
```
gaactgagta gcgctgggga cctgtgaccg cngcatccag ctaaccatgg gacagnttgg   60
ctctgntcac cagccccttta ggagaggact ccatcaaggn cccactgcnn attccncatc   120
atgnaggccg anaggatcct tccagccagg ggagctgncc tttgaaaacc naggncgngt   180
actgctggtn ntccntgcca nccaccttca ngagaggctc ctgttnctgc tggcccacgg   240
atgggggaggn gggccctgga cgnagnctttt gtgtggaagg nagctctgac cctgggnctg   300
accttctata ctactgcttc tncataggca ncacgttcta cnacaaatgg ntgacaaaga   360
gcttcta   367
```

<210> 754
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 754
```
taagcagtac gctaatggac atagacagca caatttccag tggacgctca accccggcca   60
tgatgaatgg acaggggagc acgactgctt caagcaaaca cattgcctat aactgttgct   120
gggaccagtg ccaggcatgc ttcaactcca gcccagacct ggcagaccac attcgctcca   180
tacatgtcga tggtcagcgt ggaggggtgt tcgtttgctt gtggaaaggt tgcaaggtgt   240
ataacacccc gtcaaccagt cagagttgnc tacagcggca catgctgaca cacagtggag   300
acaagccttt caagtgtgna gttgntggnt gcaatgccag ctttgcttct cagggagggc   360
tagntcncca tgtacccaca cacttcagt   389
```

<210> 755
<211> 797
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 755
```
aagtaaaact gagggncaag tcctccatac caaggaccag gctaaaacca gattacactg   60
cccctccctg ggccctattg acttaaagca gccactgtaa tcatgggcaa tatctttggg   120
aaccttctga agagcctaat cggcaagaag gagatgcgca tcctgatggt gggcctggat   180
gctgccggga agaccaccat cctctacaag ctgaaactcg gggagattgt caccaccatc   240
ccgaccattg ggtttaatgt ggagacagtg gaatataaga atatcagctt cacagtctgg   300
gacgtaggtg gccaggacaa gattcggccc ctctggagac actacttcca gaacacccaa   360
ggcttgatat ttgtggttga cagcaatgat cgggagcgag tgaacgaggc ccgggaagag   420
ctgatgagga tgctggcgga ggatgagctc cgggatgctg tgctccttgt gtttgcaaac   480
aaacaggatt tgccgaatgc tatgaatgct gctgagatca cagacaagct ggggctgcac   540
tccctgcgtc accgcaattg gtacattcag gccacctgtg ctaccagcgg ggacgggctg   600
tatgaaggct tggactggct ggccaatcag ctcaaaaaca agaagtgaga gccaggcagc   660
cctctctgac taccccaccc actcctgaca cacacctgct gnctccttac cccaattttc   720
ccttcttcct ntttgaaagt ggccaaggtc ctgggtatca tgtccacatg cccagcaagc   780
gccttgcctt tctcctc   797
```

<210> 756
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 756
```
attgttatct aaagaagcta tccctaacag attttactac caacacagca gtcgaattca   60
gcccattatt ttggttgctg aggaaggctg gacaatcacc ctgaacaagt catcatttaa   120
attaggtgac catggctatg ataattccct gcctagtatg cacccgtttc ttgctgccca   180
cggacctgcc tttagaaaag gttacaggca gagcaccatc aacactgtgg atatttatcc   240
aatgatgtgc cacatcctgg gactaaaacc acatcctaat aatggaaccc tcagtcatac   300
caagtgcttg ttggtggacc agtggtgcat taatctccca naagccattg gaattgttgt   360
tanngcacta ttgntattaa ccatgctaac aggcctgatg atattnattg nggagcagan   420
catnccacat cccgnccatt ctcccgtctt ca   452
```

<210> 757
<211> 247
<212> DNA
<213> Mus musculus

<400> 757
```
agtgggcata tgaacagtgt gcaactggga gaaacttgtc tccccggcca ttaggactag   60
tccttgaagg ggttccttca aacttgagcc atttacaggt accacgcgga gcctgagaaa   120
agaaaaacca taaagaccgc cacactcaag atggcgttgg actcggcaag cgtggcagtg   180
acgtggcgac tcggctcacg ccgaacaact tcaaaatact atattactcc atttttaaaa   240
aaaaaaa   247
```

<210> 758
<211> 108
<212> DNA
<213> Mus musculus

<400> 758
```
gactgaggct cagacaagag aaaagctcta gaagagacca aagcatatac aactcaatct   60
ctagctagtg ttgcttatca aataaatgca ttggccaaca aaaaaaaa   108
```

<210> 759
<211> 468
<212> DNA
<213> Mus musculus

<400> 759

199

```
tgagcaccat gaaggtgaag gagacaaact caaagccaaa gttggcaagc cgtggcacgt    60
tccagaggaa gggcatcaag attgtgggga aatggaagca agtgacgatc gacccgaatc   120
tgtttgcaga tggacagatg gatgacctgg tgtgctttga agagctgaca gattaccgtt   180
tagtcaagaa tccctcccgt ttgttctcaa gtgaggagac aaagaagaga aaggcccagg   240
ctgtttcaga agaggaagaa gaggaggaag gacagtccag ctccccaaag aaaaagatca   300
agttgaagaa gcagagagat gcggcacgag ctgccgaagg cgctgctgcc cagaatgagt   360
atgaagtcaa agcgtccgag ccagaggctc agggagaagt cactgcttgt tctgatcaaa   420
aggtcggagg agccaaatca gaaagcctgg cccaggctgc tccaagaa              468
```

<210> 760
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 760
```
ctcttatgaa ctcctagaag gcagngacat ctactttcca gagattgtga agcctccccg    60
gaatccagag ctagttgccc ggctagagaa gattaagata cagctagcca atgaggagta   120
taagcaggat cactcgcaat gtcacttgtc agg                              153
```

<210> 761
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 761
```
tgaggacttg ctgaaaatga atattgatat gaacaagcat cttgtgactg gttctgttca    60
agccaaggta ctgaaatggg gtgaagacnt agaagacttg atgtcaccag actacatatt   120
gatggcagac tgtatatact atgaggagtc cttggaacca ctgctgaaaa cattaaaaga   180
tctcagtgga tctgaaactt gtattatatg ttgttacgaa caacgtacaa tggggaaaaa   240
tccagaaatt gagaagaagt attttgagct cctgcagcta gactttgact ttgaagaaat   300
ccctttggac aaacatgatg aagaataccg aagtgaagac attcatattg tgtacatcag   360
aaagaaaaag ccaaaaccgc catcatgaag cgcttctcca tcttagccac gccccgcaac   420
atccctgggt aaggtcaaga tgtgaacgga gcatgtgcat acccgcatgg aaaactgcct   480
cacagatttc tccag                                                 495
```

<210> 762
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 762
```
agactgagac agctagcagc ggtgcctgag ttccagggca ctagggcctc tcttcaagtc    60
ctctcctgag ccagtggccc tcacagagtc cgagaccgag tatgtcatcc gttgcaccaa   120
acacaccttn tctgatcact tggtgttcca gnttgactgc acaaacaccc tcaatgacca   180
gactntggag aatgtcacag tgcaaangga gcccactgag gcatacgaag tgctctcgta   240
ngggcctgcg cggagcttgc cctacaacca gnctgggacc tgctacacac tantggctct   300
gcccactgaa gaccccacag ntgtggcatg cacgttcagc tgtgtgatga aagttcactg   360
ttaagggact ggngatccca acaanaggag aantcganga aagaaggcta tgaggatgag   420
```

200

```
<210> 763
<211> 286
<212> DNA
<213> Mus musculus

<400> 763
gaactgagac ccattgtgcc gaaaatcttc tcaaggcgga cacttaccgg aagtggcggg      60
cagccaaggc aggagagaag accatctctg tggtcctaca gggctggaga gatggctcag     120
cggttaagag cactggctgc tcttccagag gtcctgagtt caattcccag caaccacatg     180
gtggctcaca accatctgta atggaatccg atgtcctctt ctcgtgtgtc tgaagacagc     240
tacagtgtac taatatacat aaaataaatg aataaattaa aaaaaa                    286

<210> 764
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 764
gagatctgac ccttgcanac cggcctggng gagggaaatg natacnnntg anaanggnan      60
tcacttcttt tctgctggcc ctctaagaca tttntgcttc atatttataa acnaaataaa     120
cttaaagccg g                                                          131

<210> 765
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 765
atataccta gcagacatcc tgatgttcga gagtcactag gtccctgtt ggcccctacc       60
cctctccgtc catggcccca gatgacactt cagggcttct ctgtgtatcg atggntgtcc     120
tanaacttgc tctgtagacc aggctggccc caaaatcaga gctttgacct gcctctggct     180
cccaagngca gggattaaag gcgtggggca cctctgtcag gctgatacac tgtatctcat     240
ggatatgtct cttaactttt taatagtccc tcagtttctt cattccactt taattactaa     300
tccctgtttg tcaagtacag tttgacagag tctgagtttg cttgattaga ttcaggttaa     360
aatccgnttc ttactctatt aaacaaagnt taaattacaa aaaaaaaa                  408

<210> 766
<211> 191
<212> DNA
<213> Mus musculus

<400> 766
gaactgaggg ttccaagact gccctttggt attcaaacgg gagccgcttt ggactgactg      60
gctgccttcc tcctcctccc cctcctcccc cttctgcttc agatttattt attatatgta     120
agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg     180
ttgaaagaca c                                                          191

<210> 767
<211> 471
<212> DNA
<213> Mus musculus

<220>
```

<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 767
aatacacaaa ctcgagctac ttctaaacta cctgttaaat ccaaagaagc ggatttgctt   60
agacatcttc atccaggagg gccagagcct gatgttacaa aagtcaccaa atcgagacga   120
gagaatgggc aggtgaaagc ggcagagact gccagcagga ggaacctcag aaacagctac   180
aaaccgttta ataagcaaaa accggaggag gaactaaagg ataaaaatga gctgctggag   240
gctgtcaaca agcagttaca ccagaagctg acagagactc agggagagct gaaggacctg   300
acacagaaag tggagctact gggagaagtt tcaggataac tgcttagcac ttttggagag   360
caaaggtctc aacccaggcc aagagaccct ggcatcaaag caggaaccca ccacagatca   420
cacggactcc atgctgntgc tcgaaacttt gaaagacgaa ctgaaggttt t   471

<210> 768
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 768
tgacatgtga gcttggggtt atactgtgcc ataattaaca ttgccttgac nactntggac   60
accgagactg gcctcataag tagaaggctt tntttttttt tttttaanac agactcncca   120
tnttnntgna tatgcgaaag nantttggtc cnncacccyc tctntgggac anaaactntn   180
tgtgtancct tgggtgnana ccaccgtagg ccttgaact   219

<210> 769
<211> 423
<212> DNA
<213> Mus musculus

<400> 769
gaactgaggt gactcctgct caggtcatgc cgttatctgc tgatccagcc ggccctgcca   60
ggtgaccatg tctgtcctcg gcccagttct tctccaggtg ttctgggccg ggtgtgtcgt   120
caccctgcgg tcccctctgc cagctgcttt cactgccaat ggcacacatc tacaacactt   180
ggcaagggac cccaccacag gtaccctcta tgtaggggcc accaacttcc tgttccagtt   240
gagccctggg ctgcagctgg aagccgtggt gtccacgggc cctgtgaatg acagccggga   300
ttgcctgcca cctgtgatac ctgatgaatg tccccaagcc cagcctacta acaaccctaa   360
ccagctgctc ctggtgagcc cagaggctct ggtggtgtgt gggagcatac accagggcat   420
ctg   423

<210> 770
<211> 554
<212> DNA
<213> Mus musculus

<400> 770
gaactgagat gatgactttg accagtttga caagcctggt gcagaacggt cctggagaag   60
aagagctgct gacgaggact gggacagtga actggaagat gacttgcttg gagaagattt   120
actgtctggc aaaaagaacc agtcggattt gtcagatgaa gagctgaatg atgatctgtt   180
acagagtgat aacgaagagg aagaaaattt cagttctcag ggtgtcacca tcagtctgaa   240
taccacctct ggcatagtta catcatttga gctgtctgac aacaccaatg accaatccgg   300
agaacaggaa tctgagtatg aacaaggaga tgatgagcta gcctaccaca aacctgagga   360
acaagaactg tatactcaag agtacccaga ggaaggacag tatgaaggcc atgatgcaga   420
gttgacagaa gaccaaatag aatatgggga tgagccagag gaggagcagc tgtacagtga   480
tgaagtgctg gacatcgaaa tcaatgaacc tttagatgaa tttacaggag gaatggaaag   540
aggaatggga aacc   554

<210> 771

<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 771
gactgaggca tactccagca cccagntggt acagttctga aacagctaca gccaccgcca   60
nggngcccaa gagagctgga attttatacc atggtttact gctg   104

<210> 772
<211> 456
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 772
gaactgaggc attttgtgaa agaaggaaga tcctgtctgc tgcatggata atggactgga   60
acacagaaag accatgcagg gttcggctgt agaaggccgg tatctccata ggccaganna   120
caccatcang atctcctggg actggagtta tanaggttgt gagctgccat gttgaaccaa   180
nctggttact gagggacaca ggcatgtgga tggaaaccct gctgggagaa aaacantanc   240
tggtntgtcn ctttatagcc cncttnatga tgcaaganan aatcggctnc ncacaactng   300
nctctgacct ntncatgctt gctgtacctt gtgctcaccc tacccacaca ccntcgnnat   360
catnatcaac ataacgtttt taaatatann aagtntattc aaatatatgt gtataaatac   420
atntatanat aaatatgtga atacattaaa aaaaaa   456

<210> 773
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 773
cacactttcg cgctcagcgt cgacggaggc tctgtggctc tctacgtaaa actgntgaaa   60
gaattccaga gggtgccatt tgctcgggcc tagcagggac tggagctaga gcgtggcgct   120
ggnctctttg nggggtcagg ctggaacagg gagaccctga ctg   163

<210> 774
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 774
gactgaggac ttaagatgcc ttctttgntc atacaccgtt taggacatgg aagattttca   60
ggtccggtga agacantgcn acccnagtga gcattncana tcatgtntaa agagaggtaa   120
gagatatgct gcanagtcca aagaacaaga tgggtgtggc tcagatggct ttacatattt   180
caaganccaa gaccccctgt ctgctacaac tctgctgtgc angccctgag cacanctgca   240

```
gctttctctg acacaccatc ccacagggac tttctcacct atacagtgtt ctcatgtcaa    300
ataagatcgt tgtacaaggt ctttgttaca ttgaaccctg aatttattca gttatgttaa    360
gngcaataaa atacctgggt tttgtacttg cagaaaaaaa                           400


<210> 775
<211> 181
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

<400> 775
gactgagggt ttctctgngt agccctggct gtcctggact cactctgtnc accaggaccc    60
nnacccaaga gatctgcttg cttttgcacc tcangactaa atctaangaa agatggatac    120
ctacaatggt gaatttgngg actctgtttg agcagcttgt gcagccggat ggagattatc    180
a                                                                     181


<210> 776
<211> 172
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

<400> 776
gatatccctg agatggacac agtccacctg ngtggcctaa ggatgcaggg cagaggaact    60
gcccatgggc agtggttcat cggccaagct gagagtgtgt attttggatt tccggtttgc    120
ggagatgctc tcttccgggt gttctgccca aaataaagga cctggacaag aa            172


<210> 777
<211> 318
<212> DNA
<213> Mus musculus

<400> 777
gaactgaggt acaccaaatt gaagaccgcc ccaacatcta catcttcaat ctggctttgg    60
ctgatgcgct ggccaccagc acgctgccct tccagagcgc caagtacttg atggaaacgt    120
ggccgtttgg cgagctgctg tgcaaggctg tgctctccat tgactactac aacatgttca    180
ctagcatctt caccctcacc atgatgagcg tggaccgcta cattgctgtc tgccatcctg    240
tcaaagccct ggacttccgg acaccagcca aggccaagct gatcaatata tgcatctggg    300
tcttggcaaa aaaaaaaa                                                   318


<210> 778
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 778
gaaagcagtt atgatgccgn caaagccctg cancgcctgg tgaagaagcc tgtgcccaag    60
ctgatcgaga agtgctggac agaggatgaa gtgaaacgct cgttaaggg gctccgacaa    120
tactggcaag aacttcttca gaatcagaaa ggagctgctt cccagtaagg aaaccgggga    180
actgattacc ttctattact actggaagaa aacaccagag gnnttcagct nccgtgccca    240
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204

```
ccgncgccac cgcaggcagg cagtgttcac gaagaattaa gactcgcaca gcgtccaccc      300
ctgtnaacac gccctncaga ccaccttcca gtgaattctt ggacctgagt tcaaatccca      360
gcaaccacat ggtggctnac aaccatcctg taanagagat ctgactccct cttnctggag      420
tgtctgaaga cagctacaag cgtacttaca tat                                   453


<210> 779
<211> 571
<212> DNA
<213> Mus musculus

<400> 779
ggtttcacta tgtagaccct ggtcggcctg gaactctata gaccagactg gcctcgagct       60
cagatccgtc cccctctgct gtcccagcac ggggattaag aacgcgccac cactacagct      120
gaccggagct tcactttggt tagacacaaa cacaacacag cttgtcgtca aacaccgtga      180
catgaatgag aaggaattag aagcccagga ggcacgaaag gcccagttgg aaaaccacga      240
accagaggaa gaggaggagg aagagatgga ggctgaagag aaagaagctg ggggctcaga      300
tgaggaacag gagaagggta gcagcagcga gaaagaaggc agcgaggatg aacactctgg      360
aagtgagagt gaccgagaag agggtgacag agatgaggca agtgacaaga gtggcagcgg      420
tgaggatgaa agcagcgagg atgaagcacg tgctgcccgg gacaaagagg agatttttgg      480
tagtgatgct gattcaaaag atgatgctga ctcttgatga tgaggacaga gggcaggccc      540
acagggcag tgacaatgac tcggacagcg g                                      571


<210> 780
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 780
cagcgccggt ggctggcgac ttcacggctg nngacgtcat gacgagcgag gngattgang       60
atgacanana gttttattng anggccatga cctactgtaa gcagatccca cccacggtgg      120
acggcatgct cgggggggaat gtcca                                           145


<210> 781
<211> 302
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 781
cagcacgtct taaaacattt actgctaacc agattgatga antaaaagac ccttcaggac       60
tcttttatat ccttcctttt caaaagggat acttggngaa tnggatgnc cagcgacang      120
nttgggatta tcttttggga aaagaaatgt atcaggnnga gtctttanat actaatatta      180
ntatnacaga accatatttt aactncactn cnatccaaga ntcantgaan gaantcctat      240
tcgaagaana ncaggtccaa gcaggattaa gagtaaatgc cggggctctc agcgcacaca      300
gg                                                                     302


<210> 782
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
```

<223> n = A,T,C or G

<400> 782
tcattgaaca catccaggtg aacaaggcac ctaagatgcn ccgacgaacc tacngagctc   60
atggncggat taacccatac atgagctccc cctgccacat tngagatgat cctcantgag   120
aaggaacaga ttcgttccaa anccacnaat aggaggttng cacagaacaa aaagatatcc   180
ca   182

<210> 783
<211> 453
<212> DNA
<213> Mus musculus

<400> 783
gaactgaggc ctctaatttt aagaagacaa ccatggcatc cagtgcccag agaaaaagga   60
tgagtcctaa gcctgaactt actgaagacc agaaacagga aatccgggaa gcttttgatc   120
tctttgatgc tgatggaact ggaactatag acatcaaaga actgaaggtg gcaatgaggg   180
ccctgggctt tgagcccaag aaagaagaaa ttaagaaaat gataagtgaa attgataaag   240
aaggaacagg aaaaatgaac ttcagtgact ttttgacagt gatgactcag aaaatgtctg   300
agaaagacac taaagaagaa atcctgaaag ctttcaagtt gttcgatgat gatgagactg   360
ggaaaatatc attcaagaat cttaagcgcg tggccaagga gctgggtgag aacctgacag   420
atgaggaact gcaggaaatg attgatgaag ctg   453

<210> 784
<211> 260
<212> DNA
<213> Mus musculus

<400> 784
gaactgagga ttcccgagga ccggtgcagc agcctttgga ggatcggctc ttcccaccta   60
cggtctctgc agtctatagc acggtccctg tagtcctggc tatcctggag cttgctgtat   120
aaaccactgt ggccacaagc tcccagagat gttcctgcct ctccctccca tactggaact   180
aaagctgttc atcatcacat tcctttcaat aagcgtttct ttaataatat aacttggaag   240
ccatatgaaa taataaaaaa   260

<210> 785
<211> 115
<212> DNA
<213> Mus musculus

<400> 785
gaagaagatg gactcacatg agcacaagtt cagaaatgaa tagtttgaaa gtaggttctt   60
ggaaaataaa taaataaata aataaataaa gacaatggaa tggaaagaaa aaaaa   115

<210> 786
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 786
actaactgat gatgatgttg aacagagccc aggcaatgcc ttatgtggat cggcagaacc   60
gaatctgtgg gnttctggat attgaagaca atgagaacag tggcaaattc ctccggagat   120
actttatcct ggatacccan nncaactgcc tcctctggta catggacaat ccccagaacc   180
tggccgttgg ggcaggagct gtnggatctc tgcagctgac ctacntcncn aaggttntna   240
tagntncccc aaagcagaaa cctaaaacac cattntgctt cnntatcaat gccctgtctn   300
agagatnttt tnttcaagcc antgaccana aagatctgan ggactgggnn cnaagacntt   360
gnaccaagcc canccaagat tacctgtacc caaagctgcg   400

<210> 787
<211> 542
<212> DNA
<213> Mus musculus

<400> 787
```
gaactgaggc acgggcagtg gttctgtatc ccacgcaatc atccgcagcg ttgcccccac      60
tggccaccta cacacagtag agttccacca gcaacgggca ggacaaggcc cgggaggaat     120
tccaggagca tcggctgagc cagtgggtga ctgtgcacac ccaggatgtg tgctgcagtg     180
gcttcggtgt ggtccacgtg gctgacgctg tcttcttgga tatcccatca ccctgggaag     240
ctgtgggcca tgcctgggat gccctcaagg ttgaaggtgg gcgtttctgc tccttctctc     300
cgtgcattga gcaggtgcag cggacatgcc aggcgctggc agcccatggc ttcacagagc     360
ttagcaccct ggaggtactg ccacaggtct acaatgtgcg cactgtcagt ctgcccttgc     420
ccgacctggg ggccaacaac ttagagacca acatgggctc tgatgccagc cccttccgta     480
gtggcacacc catgaaggag actgtgggcc acactggcta cctgactttt gccactaaaa     540
cc                                                                    542
```

<210> 788
<211> 300
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 788
```
aagaatcatg gtgagcacaa ngaagaaata antgaagcgg ngccaggggg tggttcctca      60
tgagatgnaa ggccaccana ggaaagcacc cannaaatga tggaggagga ggaagaaata     120
ccgnnaccta nttcagcggt ggcaccacca ggtgctccna agaaggaaca tgtnaatgtn     180
gtgttcatcg tacatgttga tgcnggcaag tcaaccattg taggacaaat aatgtatttn     240
actggnntgg tngacaaaag gacacttgnn aagtatgatc ganaagctaa taaaaaaaaa     300
```

<210> 789
<211> 359
<212> DNA
<213> Mus musculus

<400> 789
```
gaactgagat ccctgctgtc tgaatggagg accacagtag gccacgggag gaggagaatc      60
aagatgctgc agttgacagt caggtgaccc tctgaagctc atctgcctct tcaaccatca     120
ggtctaggtg gctgtgctgt agactctgtt accctgtgac gtgctggtgc ggggagttcc     180
ataggagga cgctccatgt cctggaagcc agaaatgggg ctggtgtcat ttgaggatat     240
agctgtggaa ttcacctggc aggaatggca ggacctgaat gaaggtcaga gaactctcta     300
cagggatgtg atgctggaga actacagcaa cttgctgttc ttggggcaca aaaaaaaaaa     359
```

<210> 790
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 790
```
aatctcagga tgcacataag ntgctttgnn ngacaccntg gaggaagana acgagaagga      60
tctggtagag actagctaaa cgcnttaana gagaaaaaga gantggtggc atcattaatt     120
ntgnggaana ggangcgaac anaangaagc aganagnntt ngggagcaca ctgaatggca     180
aggatggaac tgggtcccat ctagngacag ngcctnctgg acctagcttg gctgatgctc     240
tcatc                                                                 245
```

<210> 791
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 791
atggagctaa tgcacccatc cgaagaacaa agaagagccc aaagcccggc ccttgagagt   60
gggtgacaca gaaaagccag agcctgaacg gtcccctccc aaccgcaagc gtcctgctaa   120
tgaaaaggcc acagatgact accactatga gaagttcaag aagatgaaca ggcgctactn   180
gaggcagcgg taggggctgg ataacgatgt gatgcacagg ggtgcgtttg tgtgcatgtg   240
caagcgtggg ggcacacaca catgtcctct tgcataaaac ctgcttatta gctcttgagt   300
tccccatcag atagtgcttc tgctcagtgg ctggatttct gttctggttt tggttggaga   360
ctgtagctct ctgtgtatcc taggccatga actccctcct cctccctact actgggattt   420
tagaccccccc accccctgca ttttcaagca ctaactttgt aactattngg aagaaaacaa   480
tggtgtctat gtctatctat attgtttccc taccctaggg catgacactg ata   533

<210> 792
<211> 498
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 792
gactgagaca gctcagtgta naanagagan gacggagaag ganatggaga nggagaanga   60
naaggagnng angaaganna agaagacgat cancatgttt gatggcagac gtcttcttnc   120
nncganctcc ctgtccttag gaaaagaggg aaacngatgg aacanggnta taggcctaag   180
acnggntttc tgtgtgtacc cctgnctgtc ttggaactca ctctgtagac gaggctgncc   240
ttgnattcag aaatcnncct gcctctgctt cctgantgct gngattanag gcgtgcacca   300
ccatgcccng ctggaattca acacttntat cttttgcttg gtgacttatt atagtttgct   360
gagaaaaaaa gttcaatttc ttttgtttaa aaattgtgaa tgcacatttg catatttgag   420
acagcatctt gctatgtatc ccagtctacc cttgctgttt tgttaaaata caagtaacaa   480
acttgtcaaa aaaaaaaa   498

<210> 793
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 793
aactgagaga cggaagcagc tacttgaggc gagccacagc tcagatcatg gaaatcagta   60
tgcaagccca ggagaactgc aggagttggc atcatattca tgtannatca gtgntaactc   120
tgggctacng agacgaatgt tggactacta tgtgtctcac tgacaagaca ctgnnggtca   180
ncgatgggag acagaactca ccatttaaaa agatnaagaa ngaacaccac ccnactaaga   240
tatgaaaaag gaagcacgan ggnaangctg agagaaacag atgctaccca cagggcagcg   300
gagccatttg gttgtttttgg tctttgtacc ancaactccc actcctgtga acggngtcca   360
gttccagctg nactacacgg tttttccttg cagtcaaaac gcgaacaatg gaccccactc   420
ctccagc   427

<210> 794

<211> 446
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(446)
<223> n = A,T,C or G

<400> 794
gaactgagac tgaaggnctt ttaccagagt ctctgctgtt ctcctcggat tcttcctcct   60
cctcatcgtc atcggagtac ttcttctttg gggnctttct ccgcaaacgc ctgctttgcc   120
tcattggccg agaaggatgc cgcctcagtc ttcggctgca gaagtcagtg tcgctgncct   180
cattggatgg tggctcttct tcactttcat ctggattttc atcagacaca acaaactcat   240
cctgagatct gtccaggaaa agccagatac atcacgatgg tacacttaga gtttggtntg   300
ntttggnaca ttnagaagng ataaccagtt tttcaaagnt ccaaacacat tgtaaagaac   360
ccaggaaaac attaagtaaa tntaaagata tatttggaaa attatgtcaa ctttgccaat   420
aaaatgtatg ttctaccatc taaaaa   446

<210> 795
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 795
cttcacatca tttggnctgn accatangcn tgnnngnntg gtnntctnca gngcctggac   60
ccattgacca gccccctgag ggggaggatg agcacatgga gtctctggac ttagaggctg   120
acaggatccg gcaggagctg atactcactc atttcagtta gaatgagggt agagggagga   180
ggaaggcttt ccagaataaa ccgacaattt ccccccctta   219

<210> 796
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 796
gaactgaggt ctactgcgcg ccgcgcgagc atacgccgcc gtccagaaac cagtccaacc   60
caagcaggac gatgaaccac cctcctctgc gttcatcaaa gaatacaagg acatcatccc   120
caacatagag aaggttgntg atnntgtgnn tggaangttg nctttggana tggccgnccn   180
gactganntn nnanaggtcc cgnagngaac aatncgatga acnanatggt ggntnaccct   240
gangngtncn gagcntngnn ggcttattcn ngagccttga atgacaggnt ccgcgttntt   300
gtatacctca tgcagataca tnnaaaggac aaagcccaca aacgccatct gntgatgagc   360
atcgaccgga ggaaaaagtt gntcaaaatc ctccgtcaga ccaactatga tgtcttcgaa   420
aagacatgca nggagctagg ggtggnatat accttacccc ct   462

<210> 797
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)

209

<223> n = A,T,C or G

<400> 797
```
actgagacct ataggatnag nnataatggg agcatttta gacaagccna agcatgnaga      60
ancntaatgc ccangggcag gngantgggt taccatacng cctacgcngc atgcaaggtt     120
gncgagttga aatggaggac agcacacacg gctgttgatc tngtttgcca agtggacttg     180
agacatggnc attctttgct gtatatgatg ggcatgctgg ttctcaggtt gccaaatact     240
gctgtgagca cttgttagat cacatcacca ataaccagga tttcagagga tctgcaggag     300
caccttctgt ggagaacgta aagaatggaa tcagaacagg gtttctggag attgatgaac     360
acatgagagt tatgtcagag aagaaacatg gtgcagatag aagcgggtca acagctgtgg     420
gcgtcttaat ctctncccaa catacttatt tnattaactg tggagactcg agaggtttac     480
ttttgtagga ataagaaaag                                                 500
```

<210> 798
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 798
```
tgagttgctc taggtcgtaa ccagcctttg aaaaaggaga aaccaaaatg gaaaagtgac      60
tatcccatga cagatggaca actgcgcagc aagagggatg aattctggga cactgcacca     120
gcttttgaag gccggaaaga gatctgggat gccttgaagg ccgctgcaca tgcttttgaa     180
agcaatgatc atgaactggc acaggcaatc attgacggtg caaacataac actaccacac     240
ggtgcactga cagagtgcta cgatgagctg gggaaccggt accagctgcc agtctattgc     300
ctggcaccac caatcaacat gatagaggaa aagagtgaca taaagactct tgatattcct     360
gagccacctc ccaattctgg acacnaatct cagctccgcc tgcggctctc cacaggcaaa     420
gacctcaggc tcgtggtccg cagcacagac acagtgtttc acatgaagag gcgcttacac     480
gccacaaagg gcgtggagcc aggcagccag cgcttggttc ttct                      524
```

<210> 799
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 799
```
aactgaggac ttttcccgca ggctgcgagg ggacccacag ttcgtggcca cttgcctcct      60
ggggagggcg actctcctcc catccactca agatgctcag gggtccggga cccgggcggc     120
tgctagctgc tggcagtcct gtgcctgggg acctcggtgc gctgcaccga agccgggaag     180
agcaagagagc aggctcagca aatcgtgcag cctcaatccc cggtggctgt cagtcanagc     240
aagcctggct gttttgacaa tgggaagcac tatcagataa atcagcagtg ggaacggacc     300
tacctaggca acgccctggt ttgtacctgc tatggaggaa gccggggttt taactgcgan     360
agcaagccct gngcngtaag tggaaggcan ntctggggcc ctgggca                   407
```

<210> 800
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 800
```
gattggcata agatatttct tcaagattgg acagctgctg gcctgctact tctgttagct       60
gcaagagata acaccatcat ggatctgcag acacagctga aggaagtatt aagagaaaac      120
gatcttttga ggaaagatgt ggaagtaaag gagagcaaat taagttcatc aatgaatagt      180
atcaagacct tctggagccc agagttaaag aaagagcggg ccttganaaa agatgaagct      240
tccaaaatca ccatttggaa ggagcagtac cgagttgtac aggaggaaaa ccaggttagt      300
ttcatttata catttatctt tatgggctga gtccatgtat ataaacaaaa agaggcattc      360
cttttccatc ccgtcttaga tttcccccat ctttggtctt ttattttttt tatttatcct      420
ttttacttta gaactctgtt tctantatct tagccttttt aagacttgtt cctgtacatg      480
gtgcaaaaca ctcacacata taaaattaaa aaa                                   513
```

<210> 801
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 801
```
gaactgaggg tctgcactga acctgagctc accagttcag ctagactgcc tggccagtga       60
actccaaaga ctgacctgtc tctcccttcc cgttgctgga attacagaaa gtatttgctg      120
gcctcctgtc ctggaaaaat agctggactt tccaggatac agtgagtgag tacaagcaag      180
ttgctgtaga gtgacaagaa cctcacaagc taaaagaaga gaaagcattt tggacattgc      240
gtaacagaag agaatatcta ctaaggtgct tgtcagctgt gaaaatgtct gacaagaacc      300
aaatcattgc cagggcttcc ttgattgagc aactggtgtc taaaaggttt tttgaagaaa      360
tcancttgna gctgtcaagt ctganttata ttttggtata ttntntccat atggcattcc      420
agggtggntc accatggngc aatgtgntag tcctttacng agngacttac agagtcatca      480
acaactcaag                                                            490
```

<210> 802
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 802
```
caatgcttac ctgctnttgn ccgaagatct gaanagcgtg nggtatggga gggaccaggc       60
agcaattacc tgacaaccca gagcgattng tcagtcctgc aanctgtgtt gggagcccan      120
attttcacct gcggnagaca ctactgggaa gtgcaagnng ngaaagaaga cggagtggca      180
agtggngatc tgcanggact ttgngaacag aaaggggant ttcncccaaa nctgnccggg      240
gacctcttcn cactcatagg cttaaaaatc gncgaccnat tacaagtctc ttggnttnca      300
tctccctga aagggcaaca tgtcncggag nancccgtgn cntacaggct ggngnagttn      360
tttggactat gactctgnan cccataancc ttatacaatt gcgaacagga tgga           414
```

<210> 803
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 803
```
cacaaacgtg tatcttggta tgcagggggnn taccagtagg acaacttata gaattggctc       60
```

```
tctccttnnn tgngggtccc anagacagna ctccggccat cagacttgga agccagcacc      120
tctaccagct gaatcatctt tgcctgcctt aaagtgaatt tccttaagag ggagaatgtt      180
ctaggngtgg cttcacagag acagtggtta ccggccngtt ttntnagcgn agcttgaagt      240
gggaggctgg gtggcacaca tgggagacca aagagatgtg acttntttcc ctagcctctt      300
ttggtgtgtg tgtgtgtg                                                    318


<210> 804
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 804
aactgaggga actggaagct gcaagcatcc tcagctgaca actgcacctc cgcgaatggc       60
tgggtctctg tagtaaaact gcggtggnag gccattgtga ttgtnataga cccngagaaa      120
cctgnactga cgccctttta aactgcagtc aggaggaggc tgactaa                    167


<210> 805
<211> 494
<212> DNA
<213> Mus musculus

<400> 805
aactgagatt gccttgggtc cccggtattc acgcccatca aggcagacat aagcggtaac       60
atcaccaaaa tcaaagccgt atatgacacc gacccagcca agttcaagac cctgcagaac      120
atcctggagg tggagaaggg gatgtatggg gcggagtggc ctaaagtggg ggccactctg      180
gcactgctgt ggctgaaaag gggcctgcgc ttcatccagg tgttcctgca gagcatctgc      240
gatggggaac gcgacgagaa ccaccccaac ctcatccgag tcaacgccaa caaggcctat      300
gagatggccc tgaagaagta ccatggctgg ctggtgcaga agatcttcaa ggccgccctg      360
tacgcagcac cttacaagtc cgacttcctc aaggcactct ccaagggggca gaacgtgaca      420
gaggaggagt gcctggagaa gatccgcctc ttcctggtca actacacggc caccattgac      480
gccatctacg acat                                                       494


<210> 806
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 806
aactgaggaa ggggaagaag aaggagatga ggaaaacgat ccagactatg acccaaagaa       60
ggatcagaac ccagccgagt gcaagcagca gtgagcagtg actggccttg aggacggccg      120
ccctggccta ccttctgctt tcctggaaaa gatgaatata catcatatga acctattttg      180
agttttctg ttgtttgttt gcctaatttt gtttttatag cctaaaataa aaatatgaca      240
cagntttagc tctcaaaaaa aaaaa                                            265


<210> 807
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G
```

<400> 807
gtagtcccgc ttccaccaaa actctgtgtt tcctttctct caaaataaaa ctcaacaagc   60
cataaagctt ncgacgccgg tggaganggc gcccncgnat ttatggcccc tgaat   115

<210> 808
<211> 544
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 808
gactgagagc tgctctcaga nctgctgctg ctgctgctgc tggcacganc tntngtccga   60
gtccnntgag gaggaggacg aagagganga ataggaccan gnacaggccg aggaagagga   120
ggaggaggag ganctagaga ggctttcatc tgagtcactg tcttctgaag aggatgaggc   180
ggatgtctca ctctctgatg aagactcact ggccgaactg tcactgctag agatcnnctc   240
tnngtagana nngttcttct ttgtcttctt tgcgacaagg tctcacgtan cctaggctan   300
gcctgaagat gctgctgaac gcttgacccc tccgcttccc ttacacagcg tcacggatgg   360
atctcagaac cttgtgcatg ctaggcaagc nctctgcaaa ctgagctaca tctcancccg   420
acttctaccc tgtgcttgga cctcaaaggt ttcccaaatg antctctgct ccctgatgag   480
gagagtagct cgatcctgcc ncanacganc cagcncgggc ttcactctaa ccatctccaa   540
aaaa   544

<210> 809
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 809
tcccacctgt acctgtgtct gtgtccagcc aggaagacnn gttgcctnan ctacctcccc   60
tgcctaantt accanacacc ggntgagaac tacgtgactc ccattgnaga ctccccagca   120
gccgaatacg tgaatcagga tgngcctctc tccaatcagg cggtccntnt gaagnccaag   180
aagccngccn ggntccnagc anaacnccna tagncatnag ttgtgcctan gccagatctc   240
ttagccatnn ccngngttga ggaccaggan gctaggtgga agntcntncc aggcttgctn   300
ccttgggaca agacttgngg ntatcaccgc tgagctgg   338

<210> 810
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 810
gactgagaat agtatacaag cttcaggagg gactccggaa gccaagggca ttgagaaacg   60
caagctttct cagaaacgaa ggacactgta gctgccagca gcagtccatg agcatctcca   120
agcccaagta cctggagcaa ctagaaaact acctgcgcaa ggaactcctc ctgctggacc   180
tgagcacgga ttctgcacag gaactgaggc tgcaggtnaa agcccacaga cccaacatgt   240

<210> 811
<211> 133
<212> DNA

213

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 811
gagatcttcg aagaactgtt gctgtaactc ttggtatatt tggaacttat ggcntacaca   60
atccacangc atacagatac tgtgaagcag atttttgctt tagaataaaa aagctgtgat   120
acaagaaaaa aaa   133

<210> 812
<211> 512
<212> DNA
<213> Mus musculus

<400> 812
actgagtgta tcctgagggt accggcgggt gtttgaggag tacatgcggg ttatcagcca   60
gcggtatcca gacatccgca ttgaaggcga gaattatctc cctcaaccaa tttatagaca   120
catagcatct ttcctgtcag tcttcaaact agtattaata ggcttaataa ttgttggcaa   180
agatcctttt gctttttttcg gcatgcaagc tcctagcatc tggcagtggg gccaagaaaa   240
taaggtttat gcatgtatga tggttttctt cctgagcaac atgattgaga accagtgtat   300
gtcaacaggt gcatttgaga taactttaaa tgatgtgcca gtgtggtcta agctggaatc   360
tggacatctt ccatccatgc aacaacttgt tcaaattctt gacaatgaaa tgaaactcaa   420
tgtgcatatg gattcaatcc cacatcatcg atcatagccc tacctatcag caccgaaaac   480
tcttttacac taagggattt tgcaagagca gg   512

<210> 813
<211> 410
<212> DNA
<213> Mus musculus

<400> 813
gaactgagag tcagtcgctt tgaatccaag atccatgact tgcgggaaca aatgatgaac   60
agcagcatga gttctgggtc tgggtctctc cgaaccagtg agaagaggtc cttgtatgtc   120
agggccctgt ttgattatga tcggactcgt gacagctgtc taccaagcca gggactcagt   180
tgaaggcaaa gagggataaa gtgacagatg attgtgactc tcgcgagggg gggtgagccg   240
ggaagtgttg attctctgat ggtaactgac agcagtggac agtgctcaat cctccctccc   300
agggaagaaa agcaaagatt cgaagtaagc atgataatag ttggtttacc agtgttcctt   360
ccaaggagac atatatttt taataaatga tagttgcaat gaaaaaaaaa   410

<210> 814
<211> 100
<212> DNA
<213> Mus musculus

<400> 814
gaactgagct ctaagaacag gtggaattag ctatggataa ttcatacaat ttaaatgaac   60
aaagctcatg gaatggaatc tcatctgaga agaaaaaaaa   100

<210> 815
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 815
ttgattcaag atgtcacaga cagtncttcc cnnntgggga gtctgacatt tgaagaggaa   60

```
gaactgactc gagctgatcc tgagcaatgc catgtgcccc tgtgagtaga acgaatgatg      120
atgcagtcat tcctgaaaaa tgtgggacaa ga                                     152


<210> 816
<211> 365
<212> DNA
<213> Mus musculus

<400> 816
gaactgaggt ttagagtcag gtcctcccgg ccaatgctac tggggaaata gcccaggcgg       60
gctgccaggt ctccatagta acctccctga acctggagaa gaagttaaaa gtccatctgg      120
ggaaacggca cttatgcttg ctgaacgcct gtgtacaatc ttccctctta cttgaatctc      180
agcttaaatg ccatttgctc atggatagaa tgttgccact acaactaatc ctcacaatgt      240
catgtttgct gccacttttg atggcttgct ggttgcctgc ctctacccct ttgttcactg      300
ttgtatcccg ggtatgaaaa agagctttgg cgctaagctt ctctgtaatt tctaaagaaa      360
aaaaa                                                                   365


<210> 817
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 817
gaactgagat tggcttgggc aaaagaatcc agagaccgta ggatttcaga aggccagcag       60
tctccactgg agaagaagat cctgagtttt ggtggtgtgc atacaacagc agcaagacac      120
ttgataactc agaaatgcca tgaggagagc aaagcactct gcaaggagca agctaattct      180
ctggactact ggcttgcaaa agcagagtcg tattataata agagaatggt ggagagaatg      240
aaaaaagaca caggtgatga aacaaagaca aaagtgcaag aggaaccacc atcaccatca      300
ccaccaccac cacccaccacc acgcagagag agacagaaac agcattactg ggtgcctgag      360
agagagaaga agcaaataga aaggcacatt catagaacaa gccatgccag agaatttaca      420
gaccaaccct ggagacagcc acgactcttc agtgaaacaa cactacccaa aattgtgcta      480
gaggaggaaa gcatcccaca agcacagaaa agaaggcagg cncacgagag agaactgctc      540
caaatt                                                                  546


<210> 818
<211> 239
<212> DNA
<213> Mus musculus

<400> 818
aactgagatg gatgtccatg gcagaataag agaaattctt gcagagacta tacgagaaga       60
attagcaccg gatcaacaac atttatcaac agaagatctg atcaaagctc taagacgtcg      120
aggaatcatt gatgatgtaa tgaaagaact taattttgtg actgatagtg ttgatcaaga      180
actcccttct tctccaaagc aaaccgttgg ttttgataag cagtcaacat taaaaaaaa      239


<210> 819
<211> 457
<212> DNA
<213> Mus musculus

<400> 819
gaggctcgac ttcggatggt agacattgtg gagaaggaag atgtaaatga agccataagg       60
ttgatggaga tgtcgaagga ctcccttcta ggtgaaaagg acagacagc taggacccag      120
aggccagcag atgtgatatt tgccaccatc cgtgaattgg tgtcacaggg ggcggagtgt      180
ccacttttct gaggctgaac agcgctgcat atctcgtggc ttcacaccag cccagttcca      240
ggcagctctg gatgaatatg aggagctaaa tgtctggcag gttaatactt ctcggacacg      300
gatcaccttt gtctgatagc cagttttac accctcctgc ctacaccaga gggcatgctg      360
aatgccccct caagaaaaaa tctcattctc ccatgctgca cttttttatt ctgccaataa      420
```

215

```
agtgtttttga ttgcctcttg cttgttaaaa aaaaaaa                                    457
```

<210> 820
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 820
```
tgggattaca gatgtttgct gagggaaaat ggccagaaaa tcctcattcc tacgtttgtt            60
ccttanaaag gctgttgggg caggtaatcc agctcctgca cagttctgct gagagccaca          120
taaaa                                                                        125
```

<210> 821
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 821
```
gactgaggct atatcggcgt ggttaaccga agccagaaag acatcgaggg caaaaaggac            60
atccgggctg ctctggcagc cgagaggaaa ttcttcctct cccacccagc ctaccggcac          120
atggctgacc gcatgggcac cccacacttg cagaaaaccc tgaaccagna antgaccaac          180
cacatccgga gagtcactgt cgacccttcg cannaagntg nagagccaac tgctgtccct          240
ggagaaggaa gtg                                                              253
```

<210> 822
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 822
```
gaactgagga gtgccagtgc acaaccaagg naagtccatc agctttatta acccatcaaa            60
atcaagtgca gggaaaggat atgctgcctc aaacccaaac aaattggccg tatcaagaac          120
tatgggtttt ttaactgaca tgaagccggc agaaaaacta aactgttcct agcgctaaaa          180
cagtacaggt gcttgattca aaaggagttg atgtcacacc ccgacctctc taccatccag          240
atccacatgc tgcgtcagca aagccaaaca aactcttgac atcacaagaa ggatcgcttg          300
gatcagatta tatttcttcc tatagcctct atcanaatac actaaaccct agcatgttag          360
ggcagtacac aaggtcagtc ctggggagca gntcagtgtc gaagtcaagc atctcaacaa          420
ctgagtcgat gtcagaggac cttgaagatt cctcttacaa gaggggatag attggccagt          480
tttacagatg tacga                                                            495
```

<210> 823
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)

<div align="center">216</div>

<223> n = A,T,C or G

<400> 823

```
tacagcaagt ccaaaggant gccnactctc canaggattt aactggnagn ggnatgagac    60
ttctgatttc acagctcgnt ggctacctga aagngaaaac aaaaattcan nncatntttt   120
atctatggca tgncngcaaa ncatcaaaan aaagcgattc ttaaacccgt gaaaaaaaaa   180
aa                                                                  182
```

<210> 824
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 824

```
ccacaggtgt cggccagcag tatcctgacc cagcaacggc atggtgnnat gtggggctat    60
atgccaagag ganagccgtc tatnnggana actctctcta tcagcctctt tcttgcctcg   120
gganatncgn gctcttctca ataagcctaa ggctttactg ntaagaatcc caggaggttt   180
ctgggataag acaccattgc ttaaactcgg ggnatgcagg aaaggaaagg gcagacactg   240
ngaagggctc atagaaaanc actttcaaca attttgggaa taccaaggag aagaatttcc   300
tagagaaaaa gaa                                                      313
```

<210> 825
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 825

```
ctgagactga gtaagagaga gagagaagag agaagnagaa ggagaagatg aagaagaaga    60
agaagaagaa gaagaagaag aactgctttc cctcgtntcc ttgctggtct gtcctccccn   120
angaccctga cttgnaacac cnaanccntn cacaaccagc ancccancca ngcancaaat   180
gacacacacc aaggctcatc tggctcctga ggttcaaagt gagtttttnnt tgtgtttttat  240
tctaacatgt ttttttcagag ttttctgctt tgaaaatgaa gttctttttt agctggngaa  300
gaataaataa tatttccaag agccgccctc ccagga                             336
```

<210> 826
<211> 520
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 826

```
tcatcagaaa agctaagttt gctatacagt aaggatcagg agatctgacc ctggttgcag    60
aaccattcct ggttgcagaa tacaggggtg tattcccact tcatctttcc agaccatcct   120
aggaaatact aggaatcctt ggaagggaaa gaaggaacat tgttggttgg aataaaaaca   180
gggttgaatg agttccagaa agcaggcttc tcaaactcgt ggacaacaat ctgctgaaga   240
agacaacttt aagaaaccaa ctcgaagcaa tatgcagaga agtaagatga gaggagctgc   300
ctcgggaaag aagtcagctg gttcgcagcc aaagaatctc gatccagccc tgcccggaag   360
atggggaggn ccgctctgct gagaaccccc cttccggttc tgtgcggaag accaggaaga   420
accaagcaga aggctcctgg cnaacggaga cggaggcagt acccagggga agtcccccag   480
```

```
cccccctcgg aagaaaaagg gcacggggct gaccccccact                              520


<210> 827
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 827
actgagactg aggtatcagt ccctcacctg accctgttcc tgaacacagt gcacccatct         60
atgagttccg gtgacagagg ttcagaacag tggccaaata aaactgaact tggcaacaaa        120
nanctttgan aggaaattat gtacctgcca tgaaccagga gaggtgtgtt cctgtttgtt        180
cacgagcaga cttcatcaga aagcatgaat gttaacctac aggatccaag gagcatggcc        240
aacctgcagg caggcagagg gagctgttca cctcccaccc tccttcctct cagtggcatt        300
gtggtcacca tctgtttctg aacaacctta aatgcacttt ccttcctgca cagctaactt        360


<210> 828
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 828
acactcacgt ccttgtgcag ccttcgccac catcctcctt cagaactcat tcatctctca         60
cagttgaacc tttgcncaca tgaaacagtn agtctctctt tttaaagata anttnctatt        120
ttgattatac atgtggatgc agatgccctt ggagaccaga catgtnggag ttgnggtgaa        180
gatggttata aaccactnga ngtggngttg tnctggctgc cctataactc actntggggn        240
ccaggctagc ctgaactgcg atgtctttta cctaggtttt ttcctcccag ttcactgatc        300
ctgtnntgca tgncnnannn nacctccctt aaanacatat annccaccan nntntgcanc        360
aatttcagaa ggctcaaggn gggggacgcc ctggccctat nttgaccagg tgaaactgca        420
g                                                                        421


<210> 829
<211> 536
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 829
gaactgagag tcctttggac agaactaccc agtaggtaag ctgatgggac tctggactgc         60
atcagcatgg ccctgacctg cacctttaac agaagaccct naataaannn ctgntggccn        120
tccaccgnat gcagtcncaa nctncttgat ggaggaaggg gctngtgtca gagaanaana        180
ggcacncttc annacanggn ncccatncac caaagangaa acntanaccc accantatan        240
ggntncaagg agagccgaat gatgaantcc atccactact gngngtaaag ggggatggca        300
aatcgaaana agantcaagc angccggcct aaaggataa aagcaggagg agccatctca        360
gaactgctgn gaanaccgtg gaacccttgg ttcttctcac tctgtcatca ggtanccttt        420
ggacagngtg gccaatcatc tgagattggc tttagttgaa aacaaaggcc tntgcctccc        480
acccaggagg tgaangagng gattttnngt ttgaatgacg aaggcgaatt atgccg           536


<210> 830
<211> 333
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 830
gaactgagga agaaatggaa gccagaatna agcaggtact ccgctccctg cgtctggagc   60
tgggtgccga ggtactggtg gaaggactgg ttcttcagta cctttaccag gaaggaattn   120
tgacagaaaa ccacattcaa gaaatcaaag ctcaaaccac aggcctccgg aagacaatgc   180
tgttgctgga catcctgcct tccaggggcc ccaaagcttt tgacaccttc ctcgattccc   240
tccaggaatt tccctgggta agagagaagc tggagaaggc gagagaggaa gtcacagccg   300
agctgcctac aggagaaaaa atccctggaa gca   333

<210> 831
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 831
gatgcgtttg gcagagggag cagtggagat tctangtcng ggcttaaggc ctggggcttc   60
caatgatnct ctggtnatgg ntggangcct agatgcctca ccgcanggng caggacgngn   120
gggtcctcnc ttaantgcac acnggcagca anangcacag gcggagggag gaaatatagn   180
ccnggctgtc actcaccntn tcggntgtgt ctcccctggt tgacca   226

<210> 832
<211> 111
<212> DNA
<213> Mus musculus

<400> 832
ctagactgag tccaggctga tactgatttg ggcgccttgg ctgcagaaat agaaggagct   60
ggtgctgcca aggagcagga gcctcagaag tcaaagggaa agaagaaaaa a   111

<210> 833
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 833
agcacacagc tggggcttcc ctaggcgagg agagatggat ctgatccgta tgggtttgaa   60
aggcccgaag actttgacta tgcggcttat gaagaattnt tttccacgta cctggtgata   120
ctcaccaaga gggcgatcaa atggtccaaa cttctaaaag gaaacggtgg tgtcccggaa   180
aagcgtgaca gngaaacgct atgtccngaa gggaatcccc gntggaacat cgtgnccnnn   240
cgtgtggatg gctcgngagt gganctcagg ccccggatgg accanagccn tgnatactta   300
ccatcgactg ctnccanggc nagatcagct ccaggtctgg acnaggtcnc attaggacan   360
nacttgtacc ggacattccc tgact   385

<210> 834
<211> 303
<212> DNA

219

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 834
gaactgagtg tcttctaatt gttgccatca tgacggagtt tgtatgcctt gataccttta   60
tgctgtttaa gaatcatgtc tttgggggac tggagaaatg actcaacagt taaaaaagca   120
ctgctgctct tccagaggac ccaagtctga ttcccagcac ccacatgatg ttcacaacta   180
tccttaactc cagttccagg ggatntaatg ctctcttctg atcttntgga gtaccaagca   240
cacacatgat gtacagacat atatacaggc aaagtacaca tacaataaaa tgaataaatc   300
taa   303

<210> 835
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 835
gaactgagag catacctgcc ctgctggagt tcatacccat tcctgagcaa cactggtttt   60
tgccatggaa tccgtanatc cagcttgtct gtgcagtagg ccactgttca aaatgaagan   120
aaggaaaaaa gagagtggca acacggaagc cagccacaca cctgggattg cnggctctat   180
tcgtggatct taatgagtaa caaggaaaag caaaatgcta tttatctttt tggcaaaaat   240
taattgntag tatttcatga ttctagagat gtatttctcc aactanaata aaatttttgg   300
atcgtaaaaa aaaaaa   316

<210> 836
<211> 286
<212> DNA
<213> Mus musculus

<400> 836
gaactgaggg cacagagacc gtgaagtctg caacacggct gctcatcagc ttccagcatt   60
cccagccatc gaagtccaca gtggagtggc tgctccctgg gcacctgtga agattcagga   120
ggaacccacg gtcacgcttt atgcctttca agtcattcca tctggaaaga tgaacagaat   180
gagaaatgtg tgtgtgtgtg ccatagaagt tgttagttca tacgttcaaa tgccttggca   240
tttattagtt ttgagtaaaa acaacgttac ctttcaaaaa aaaaaa   286

<210> 837
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 837
gactgagacc ctgtcccatc atttgaggtg gcgcggactc tagacgacag actgcagcgt   60
cccagctttg accccagtgg gcagcgccta caagacgtgc acatcgcgtg gaagaggtgc   120
ccanagccac ccantgccag agagcanaan gaggggacag tgtcccacgg ggcacacgcc   180
atncaanggt aaccacntgc canagtcccg aggacaccct cgtgacagac accttgctgc   240
agaagaatga ggccgagaga cagangggtc tccaagaagt ccacatcacc ttggcagcca   300
ggctggggga ggcagaggag aaaatcaagg tgttacattc agcgctaaag gccacacaga   360
cagagctgct ggagctgagg aggaaatacg atgaggaggc tgcttccaag gccgatgagg   420

taaaaaaaaaa aa   432

<210> 838
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 838
agactgagta caagacagca aaatacaact gccaattata cagctgcgga aagtatgggc   60
tgaagcagtg cactacgtat ctgggctaaa ggaagactac agcaggctct tccagggaca   120
aagagcagca atgttnnnag attgtgttag aagcgtagna gccatgtgta tcatgtactc   180
aatgaatt   188

<210> 839
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 839
atatatctat ctggcctttn caaattggnc cctgcnnant ggcttncacn aagaagggtt   60
ntngtangaa ganggnccat catcgaggtg gtgatccang antacaccat cntcattnac   120
nagcncattc ntagngtgga nttcattang ccgtgctcct tggacactcn naganatcca   180
nangttngct atgaaggann tgnacgattc cngatgtnca tatngacacc nggctcatta   240
aagncatgtg ggtcaaggga ataaggaatg ctccattgca tctgagtatg ttcgtccaga   300
anacatagta cggaggagga gtcaccagac aagctttaca cattgataac ttactgnctg   360
tnaccacatt caaactctac agaangtcaa tgtggatgag anctaacctg ctgantgtca   420
aataangttg cagaactgcc aaacaggtaa aaaaaaa   457

<210> 840
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 840
gaactgaggt acctttcaga tgaaggcgtt gaagcctgca caagctctcc tgggaaaggc   60
agcataaatg acatcatcct gattgctctc aatgnagann aaggcaccta tgatcacacc   120
attgnntncc gcaaaggagg tgatggacag ncacaaaggn ntactnggcc ancgcagnaa   180
ntntaccaan ctnctcgagc tnggaactaa ngngaanggg cttttgagaa ggaagatcca   240
ctgactganc catnctggaa gcccactgat ngattttcca cttnttcaga gagagactca   300
atatgctgga tatgattttt ggaga   325

<210> 841
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

221

<222> (1)...(470)
<223> n = A,T,C or G

<400> 841
tctgacctgg cgtttgatga nanagattgg aagctccaag tcagatcntg aaganctttn   60
angctcctcc acaaatctcn ncgaccacnn cccttcatcc tggcgagacc acgatgacgc   120
aacctcaacg cactccgcag gcaccccagg accctccagt gggggccatg cttcccagag   180
tggagacaac agcagtgagc aaggcgatgg gttagacaac agcgtagctt cacctggcac   240
aggtgatgac gacgatccag acaaggacaa aaaacgccag aagaaaagag gcatattccc   300
caaagtcgcg acaaatatca tgagagcgtg gctcttccag catctcacac acccgtaccc   360
ttcagaagaa cagaagaaac agttagcgca agacacggga ctgacaattc tgcaagtgaa   420
caactggttt atcaatgcca gaagaagaat agtgcagccc atgattgacc   470

<210> 842
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 842
ctgagactga gcatgcatgc tttatacant ccataacaca tacgatgaca ttgaaancac   60
tnncggttgc agatctagga tgnggctgtg gngtacttat nanntngaac aggcaatgct   120
aggagcaggg ttgngtgttg datttgacat anatgaanat gcactagnna atatttaata   180
tngaatngcg gaanagtgng agctaacant ggttgntatg atncntagtg atgtgtactc   240
attatctaac agaatgtcca   260

<210> 843
<211> 358
<212> DNA
<213> Mus musculus

<400> 843
gaactgagat ggccgccaag agcgagttat gtttgacaaa attacatcac gaatccagaa   60
actctgttat ggactcaaca tggactttgt tgatcctgct cagatcacca tgaaagtaat   120
ccaaggccta tatagtgggg tcaccacagt ggaactggac accctggctg ctgagacagc   180
cgcgaccttg accacgaagc accctgacta tgccatcctg gcagcaagga tagccgtctc   240
taacttgcac aaagaaacaa agaaagtgtt cagtggtacg tctggtataa aaacatgaga   300
aagcgtttaa tagtgtcata aaattatagg aataataagt gaattttaaa aaaaaaaa   358

<210> 844
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 844
tgaggtgccc tatgagacac tgaacaaacg cttccgagct gctcagaaaa acatcgatcg   60
agagactagc cacgtcacca tggtggtagc tgagcttgag aagaccttga gtagttgccc   120
agctgtggac tctgtggtca gcctattgga tggtgtggtg gagaagctga gtgtcctcaa   180
gaggaaggca gtagagtcca tccaggccga ggatgagagc gccaagctct gcaaacgtag   240
gatcgagcac ctcaaggagc acagcagtga ccagccagca gcagccagca tgtggaagcg   300
gaagcgcatg gaccggatga tggtggagca tctgctacgc tgtggctact acaacacagc   360
tgtgaagctg gctcgccaga gtggcatcga ggaccttgtg aatatcgaga tgttccctga   420
cagccaaaga agtnggagga gtccttggag aggcgtgaga cagccacctg ccttgcctgg   480
tgccatgata acaagtcccg actccggaag atgaagagct gcctagagtt tcagcctcag   540

222

gtc

<210> 845
<211> 275
<212> DNA
<213> Mus musculus

<400> 845
```
gaactgaggg ccggcacatg ggtgaggggg tacccctgg ggcgtgagct gccccgcaca      60
ggatgccccg tgccccccac tccatgcccc tgctgctcct gctgctgttg ctgtcatcgc     120
tcccccaagc ccaggctgcc tttccccagg accccacccc tctgttgacc tctgaccttc     180
aaggtgcctc tccatcatcc tggttccggg gcctggagga cgatgctgtg gctgcggaac     240
ttgggctgga aaaaaaaaat ttttaaaaaa aaaaa                                 275
```

<210> 846
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 846
```
tgggaaaccg gcaccagtcg actctacagt gctctcgcca agaccgtcaa cagcagtgca      60
gctgctcagc acccggagta cttggtgtca gctgaccccg aacatctgga gcccatcgat     120
cctaaggaac ttctggagga atgcagggct gttctgcaca ctcggccacc ccgctaccag     180
cggggatttt gtggacctga ggacagattg ctccagcagc cactctccca ttcgcgtcat     240
gcagtggaac atcctcgccc aagctctcgg agaaggcaaa gacaactttg tgcagtgccc     300
cgtggaagcg ctcaaatggg aagagaggaa gtgcctgatc ctggaggaga tcctggctta     360
ccagccagac atactgtgcc tccaggaaag tggaccncta cttttgacac ctttccagcc     420
acctcctcag tagactgggg ctaccaangc accgtttttt ccccaagccc tggtcaccat     480
ngnctagant gtggaancac aacaacggtc caagatggct ggtgccttat ttttttc        537
```

<210> 847
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 847
```
gaactgaggt tgctgttctg gctgaggcca tctatggccc tggnagtgtt ttcattcaag      60
acaaagtcca ttccatcttt atttattagc tgagcaaatt cagctaataa ttttcaagac     120
ccagattcaa gcaataaaac atttctctgc aataccaa                             158
```

<210> 848
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 848
```
gactgaggtg ctgctgactt ctgataaagc tgcggccaat ttctcagatc gttctttgct      60
gaagaacttg ggacattggt taggaatgat cacattagct aanaataaac ccatcttaca     120
```

cac   123

<210> 849
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 849
aactgaggtg aagagactgt tttctgaggc tgcgttggag gctgtgaccg agcagagagc   60
ccatgtgaac tgatgggggag gctttctgaa taacatggcc ttttgccatt agccttgcca   120
tgaccacatt tttcaccagc agtccctccc tggattcaag atgcaaagca ggaggaggaa   180
gtgggctagg aaactagttc ccaggcctcg gggccgggag gcagagagtc aagtgaagtg   240
ccaatgtgaa atctcgggga caccattttc aaatgggggag aagctaaggc ctcacagcct   300
tccccatccg gagcagagac catatagctg tcctcagctg cactgcggca aggctttttgc   360
ctccaagtac aagctgtata ggtaggtgac actcccattc ctctttcagt ttccaggttc   420
ctggagctca caaccagaga ctccattgag agtgaacggt aaagntgtcc tgtgagtata   480
ctatgaactc taaccatttg aagtcactca ctaaatagta ataatggttt agctggatat   540
gga   543

<210> 850
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 850
gtgttccaat ttgcaaggca agaaggagtt catggttttt atgacttagc agtggaagcc   60
aaactatcac tttcaccaaa ttcaacgtat taacagcaag tcaccaacca ttcagggctg   120
gagaggtggt tnagnagnta gggctgctct tccagaggat cccagttcaa atcccagcat   180
ccacatggna gctcacagca ntgtgtaact ncagttctgg ggattccagc nccccccatac   240
agactgtaca cgcngccaaa acaactaaga cataaaatan tgataaatac attcttttaaa   300
aaaaaaa   307

<210> 851
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 851
gaactgagga gtaatggagt ccaagcatca aggcgtgaaa aatctcaaca tggagaatga   60
ccatcagaaa aaggaggaga aggaagaaaa gccacaagat accatcagaa gggagccagc   120
tgtggccctg atctccgagg ctggcaaaaa ctgtgcgcct agaggaggtc gcaggcggtt   180
ccgggttcgg cagcccatcg ctcactatag atgggacctg atgcagaggg ttggggagcc   240
ccagggaagg atgagagagg agaacgtaca gaggtttggg ggtgatgtga gacagctcat   300
ggagaagctg agggaaaggc agctgagcca cagcctgcgg gcggttagca ctgacccgcc   360
tcatcatgac caccatgatg agttttgcct catgccctga gtcctgagct tttctctgaa   420
gatgacatgg ggacccctgc cttgtgatgt acaaattttg aggttactcc tttttatgta   480
gatctctccc tgttaccagc ttctaattga aacttgngnt ttttactcgg cctataatta   540
agcaaa   546

224

<210> 852
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 852
gaactgaggt gacaggacac cctcaagggc tttgatgaga aggcgtacct gtcagccaag   60
cagctgaagc ctggagagga cccatacaga caacatgcct tcaaccaact ggagagtgac   120
aaactgagct cagaccgacc catcagggac acccgccatt acaggtatgg catctgctga   180
gtggacagga agggaaaact aagaaaagac cagtgttggn cagcttggtt tntttcactc   240
atatgtgttt attgattat tacatttatt taccttattc atgtgtctgt gtgtgtgtga   300
tcgtgcacac atgcaaactg tatatatttt acaaataaat atgatgtcct ca   352

<210> 853
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 853
cgttcctgga agaggaggag gaggaggagg aggagagacc aggattcgaa ctcaggccca   60
gcttcgatac gctatggaat cactgncagg gccagcttcc cctgtggctg agttcctgtc   120
tttgatagat ttctgtgaaa tcctcacagc cttctcaatt agcagctggc atctttattg   180
attgatcaaa aaccaattgg ggacaaggac cttcagcatt tggacaagca gattcccgat   240
taaatcaaag cattagaacc aattctcaac agtgtaaaaa aaaaaa   286

<210> 854
<211> 479
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 854
cgttctgacg ccagcactga gattctctta cctgcctttg tagttattca catcaaagat   60
cttctttgca cggtantaca cgagcttcca gggccnganc agatgccctt ccctgcagag   120
aggtggaana cagtcagaga ggcggcntgn ggccatcgtg agatggtcac aaacaccaaa   180
ggaacctact ggagccctgc gtgacatggt taagttcatg tgcagcagtg tgcagaggca   240
tgctggacat anaggcatgc tggggctnca tgcncctgcn ctgtcagaac aggtacagtt   300
aacactgcct tgaggagcaa gngcacgctg ggtttgcaga tccactcacc ggattgccac   360
ttnaacatca tctgagaggc accaagctca ttatcnccca gncaangcct ccctacctnc   420
cctctctnna naagagcctt ctcctgcccn ctgccctncc tgtgtaaact gaaaacact   479

<210> 855
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)

<223> n = A,T,C or G

<400> 855
atcagtcaag aagaattana agaataaggt tgggatccac tgntnccaca natgaagacn   60
tgacncccag cccagaccnn ganccagacc ctaccgagan ntntgncgga aataatggag   120
acctgtcacc ctgcaaggtg gaagaaaacn cngcccagaa gaatacagaa acagcctctg   180
gcatcgggga tgaa   194

<210> 856
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 856
aactgagatg gccgccccat tggggtggag ggcatccagg tgctgggcac aggaaacctt   60
atcatctcag atgtgactgt ccagcattca ggtgtctatg tctgtgcagc caacaggcct   120
ggcacccggg tgagaaggac ggcccagggt cggctggtgg tacaagctcc agcagagttt   180
gttcancatc cccagtccat ctccaggcct gctgggacca cagccatgtt cacctgccaa   240
gngcaggggg agccaccgcc taatgtcaca tgnttgaaga atggacaagn gctggggca   300
ggaggccatg tnaggctcaa gaacaataac agcacacttg agcatttctg gagtcggacc   360
tgannatgag gccatctacc aatgtgtggc tganaacatt gctggctcgn cncaagccag   420
cgccaggctg accgtgctg   439

<210> 857
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 857
aactgaggtg tttggccttg gttccgtggc tcacatggtt ttaggagaaa actctggcag   60
ctatctcggc gtcnacttgg gttttggatt cggagtgacc atgg   104

<210> 858
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 858
gactgagggt aaacttgatg attaccagga acgaatgaat aaaggggaaa ggctcaatca   60
agaccagctg gatgcngtat ctaagtacca ggaagtcaca aataatttgg agtttgcaaa   120
ggaattacag aggagtttca tggcattaag tcaagatgta agtaaaaaat actgtgtaaa   180
atataaaaat taagttagtg gaaactattt ggagttagtc tgtacattac tgttgatgag   240
ttctctgcca ggtgtggaaa ttggattaaa tcatttctta ttaatttgcc aaaaaaaaaa   300
a   301

<210> 859
<211> 321
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 859
actgagggct ggagggacat ctgaagaggt ctcatcatgg cggacagcnc tctggggaca   60
gctttngnga tgcctanacn gagggntggn tactgnacca tgaacacant ggaggatncc   120
tcctttgctt ctttncgctt ttctcctgnt ttaaaacccc atagtaaagt actttctttn   180
tctccttctt tcttttatta acattcagaa atacacctgt nntgngctga gttattntgg   240
aggataaatn atagtttttg ctttngtgaa gnnggcattn ncacctttgc cctaanaaaa   300
tngagtgtag aaataaaaaa a   321

<210> 860
<211> 497
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 860
aactgagcat tggaaaaagg tcagcaagga tgtctcagtg ggtaaaggca agcctgatgt   60
tctatcaggt acctgcctgt aaggaaagaa tggacttctg aaaaatgaaa caggagagtc   120
agagcctctg agcaagacct gggaggtgct ctggagtgct ctgatgaaac cttacagaaa   180
aaagtgaagt cggactcacc tagttcccaa agagtgggaa gacctcaatg acctcttact   240
gcccagggaa aaaggattgg aactcattaa ctctttgtga accagagaga aagaaaagga   300
agaaaattgg aggctggaga gatggctcag ctgttaagaa cactgactgc tcttccaaag   360
gtctangagt tcaattccca gcaaccacac agtggttcac tatcatcttt aatgggatcc   420
gatgcccttt tctggtgtgt ctgaagacag tgtactcata tgcataaaat aaataaatat   480
ttctacaaac aaaaaaa   497

<210> 861
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 861
aggaggaaag cctggaangc tcccaccaag cggcggcggt ncacggntnt gatggaggga   60
aagnacatgn tccacatgcc caaggggacc acngccccgc atccgtgang atnctggagc   120
accancangc agcctaaggt ctccatanaa catcncgtag tttnatcgnc ttggngnttg   180
attncanagc agacaccnag cacagggact angccttttt gagttttcag ccgcttaggg   240
nctaccccan agatggatga gtgatctgnc cttgggacag tnacaatgac ggnnngcant   300
agcttctgtn ctagcantat nctagnnntc ctganngaaa ctaggaccan gccccaacca   360
aggccangtg cccaaccagn nctgactgcc aaagccaaaa gccaccaagc t   411

<210> 862
<211> 436
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(436)

<400> 862

```
gacgtgaacc tggaactnac caactctgct agactgngna gcnntgncaa tngctctagc        60
acagatnaac tnngagggcn tnanncccac tgaaataagc cagngacaaa aagaccgnat       120
gttgtgatca cacttaaata aggnangtan actgtctggt caagcangta ggggcanacg       180
agcagaacgg ctagcccgct angggatgtg gggagggcag aatgggcatt tgttgnttaa       240
tggatgtaaa ggttcagttn tgcaaaagga aaaggtgagg cttgatgaca ttgctctcta       300
gcagaacgct canctagcat ttctgagacc tganntcatg tncaacagct catgcacaca       360
cacatgcaca ggagaaagaa tggaangaan ctaccccttt tacttaaaaa aattgnattn       420
attttttatt ttatgg                                                      436
```

<210> 863
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 863

```
gaactgaggt gtgatccgct cactgcatga gcatgggccg attggagcat accttctgca        60
cagagacccg gccctacaac cagggagccc ggctgacggc cttcgagctg gtgtacgagc       120
agatccctgc aactctcatc actgacagca tggcggcggc tgccatggca caccggggtg       180
tgtcagccgt ggtggtggga gctgaccgtg ttgttgccaa tggagacaca gccaacaaaa       240
taggcaccta tcagctggcc attgtcgcca aacaccacgg tgtcccattc tatgtggctg       300
ccccagttc atcctgtgac ctccatctgg agactggaaa ggagattgtc atagaggaac       360
gccccagcca ggagctaact gacctgaatg gagtcaggat tgctgcacag gaaatccggn       420
tttgggaatc ctgcctttga tgtcacccc cacgaactca tnacaggngg natnatcact       480
gaactgggtg nntttgcccc tgangagctc cgaggagccc taag                       524
```

<210> 864
<211> 107
<212> DNA
<213> Mus musculus

<400> 864

```
tgagactgag gggaggcaca cggtccaagt ccttttactt tctgaggatg ggcagatcct        60
ggcagaagca gatggactga gcacaaacca ctgggtaaaa aaaaaaa                     107
```

<210> 865
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 865

```
ggtgtcaaca tctccagggg gcccgaancg ccatctcccg cgccgccagt gtcttcgttt        60
tgtatgccac atcctgtgcc aataacttcg cantgaaagg aaagcgcaag actctcaatg       120
ccagtgacgt gctgtcagcc atggaagaga tggaattcca gcgattcata acaccattga       180
aagaagctct agaagcgtac aggcgggagc agaaaggcaa gaaggaggct tcggagcaaa       240
agaagaagga caaagacaaa aaggattccg aagagcaaga caaaagcaga gaggaggagg       300
aggaggatga agagagactg gacgaggacg accagaacga agaggaggaa atagacaact       360
gaatggagag agtaggcana ctgtggcgtg gtggagggga ccctgagatc ctgagacatg       420
tctgtgtgaa ggctttccct gcaaggcaga gcca                                   454
```

<210> 866

<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 866
ccctgttccc caggcagagt acanaactna gcnttgctgg tgaaggtccn actggaggac   60
acccaagttc ancatgatct tgacagacct gtgactgacc tgaccctccc tncagtcctg   120
tgccactgac acatatgctt gatgccttct gctttgtcct agtacccaag acggtgagtg   180
aagcaggggt caaaagttca gttctcagct gcatagtgag tttgaggcca gcctgggtta   240
aatgatacac tgctttaaca caatgaaata aaggacagga gagattggtt tggaa   295

<210> 867
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 867
gactgaggtt tatcatggct tccagcccac cgtgttgatg cggctggtag cttcagcata   60
ttctatcgct caaatggtac tatnnttaag ngaagaantg aaagagggtt agttccaant   120
gactgtccag gtcattctgt gcacgtcanc attnctgccg ataaaccaga nttcttcagg   180
gcacagagnc ttaagttact ccagantttc agtngtnatg ntttttcaca gtanttttta   240
aaatntntga tnccaaataa gaangcatat agntgatatt attnatgtcn gatttatggg   300
ggaaagttnc tctaaaanca tagtcctatc tttncatatt atatatcaga tttttttcaa   360
a   361

<210> 868
<211> 504
<212> DNA
<213> Mus musculus

<400> 868
gccgaggacc agcagccaag cactaggact ggacatccca gcaatgacca gctctcctgt   60
ctccagagtt gtctacaacg gcaagaggaa tagcagtccc cgctctccca ccaacagcag   120
tgagattttc acaccggcac acgaagagaa tgtgcgcttc atttatgaag cctggcaggg   180
tgttgagcga gacctgcgca gccagctgtc cagtggtgag cggtgcctag tggaggagta   240
tgtggagaaa gtccccaacc ccagcctgaa gaccttcaag cccatcgacc tgagtgacct   300
gaagccgccg gaacacgcag gatgccaaga agtcctagag ctcctggcgc cctccctgg   360
cctccagaag ctcaggtgca cttgatggtg gtttcctgtg ttcctgtggc gctgctcctg   420
gggggaagag tgtgctctag caggccggga tcccagagcc agcaggattg atgaccaggg   480
cccttccttt cctctccagg gtct   504

<210> 869
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 869
actgaggtgg ggtctttcac gatgacccga gagtgacgac gacgacgagg aggaggacat   60

```
ggtctcggag gaggacgagg aggaggagga ggatggctga cgccgaggag acccaggatt    120
ccgaggacga ggaggaagat gacatggaag aagacgacga tgactccgat tatccggagg    180
agatggaaga cgacgacgac gacgctagtt actgcacgga aagcagcttc aggagccata    240
gtacatacag cagcactcca ggtaaccacc caggccgccg ggagactcct tccccacctc    300
ctccctcccc ctggcttgct ccctctccag tgcagtgcat cctgcttcct anctcccccc    360
ccccttcccg gcctgtcccc cacgcggagg ccacggcgcg tttag               405
```

<210> 870
<211> 556
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 870
```
gactgaggtg accataggac ngnggcttac cggcacntac cacctgatat canaggtntg     60
ccctctgatg atttcccnaa gccacctgag gnntgngaan cataaatcct antgncacng    120
aaggaccatt atggaccata ggaccctgaa taggtgtttg nctatncaga gaacnctann    180
ctcctattaa cnggtatatt ntnttcganc ngnagaccnt ntncntgtcg gggtgccccg    240
tnganagcag agtaaacggn tggataatag agtacgatcg acanctgaag aagacntgag    300
nagagtttag ggtccctgag cttgccccga atanngancn aagagnggga ggacataagn    360
gctcgagaac taagaggant ttcagttcgc cttggnttag agaatcttcc agccgagggc    420
tcctcagatc tcagatgccc actggctaat gtcgccagta aacccattga gccagagaag    480
ttgcatggca aaggtgacgc atcgagtcag tccttgggat gcttgggncc tgggctgact    540
tctctgaagg cgaacg                                                   556
```

<210> 871
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 871
```
ggttgcagac aatgatggtg agttcctgtt aatagaagcg gccgactttc tccctaagtg     60
gttggaccct gataacagng ccaacagggt gttttttcat catggggagc tgtgcattat    120
tcctgtgccg aggaaatctg aaaggatacc atggttaccc atgacaccac caacaatcca    180
gcaagctttg agtataatct cggcacaccc agaagctgtt ttggcttnnn aatctataca    240
agctgctgtg acaggcgcg tcagtgggta cccagaaagg gtcgaagcat ccctccatcg    300
agcacactgc ttccttccag ccggcattgt ggcggtgctc aagcancagc ccaggctgct    360
gtcggcagcc gtccanggcc ttctacctac gggacccccat ttgacctaag agcctgtcgt    420
gtnttcaaga cattttttgcc tgaaacacga ataatggcc t                      461
```

<210> 872
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 872
```
tgaggtctgt ttctgcaggc atctncgtgg ctccatgant cttccctttg atgacagaga     60
cctggnctgt gagtgggaga gngaagacct gcccctgacc attcagcttc cattccgnct    120
tatcctgcnt gtngggnacc tgcccttnga tgaatactgg atcccccctgt gcangaactc    180
```

```
ttggctaatg acatgcatgg attgatttac cttacatagc gctattgagc tcaaattgtg        240
ataatgctgc cattgagaga aactcaccca cgaactgctt ataaaaaaa                     289


<210> 873
<211> 465
<212> DNA
<213> Mus musculus

<400> 873
gactgaggaa tttaactaag atgatggcaa cttgtactcc aagaaagagg aagcgatata         60
cactgaatgc tgataatgat gatagcctat taacagatat ttcatcaagc aaattaagat        120
gtgctgaaaa tctatttcca tcacctaata agaaacataa ttatcaaagc agtgttcaaa        180
aggaagacaa gtcttgctcc caccaactcc atttcccttc aagtccactc aaaacaactg        240
aaaatagtag gttttcattt gcaaaccaca gctcattatt taaaccagct atgtctactg        300
tatctttcta cagtaaagag aaatactacc tcaatccact cgagaggaag ttgataagag        360
agtgtagatc tatttgtcta gcaactgaaa gtggagataa acctattccc agtgtgacag        420
aaaatattca gagaaaacca gtctgtacca agaagaataa aaaaa                        465


<210> 874
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 874
gactgagttt ttagttgcat ttttaaagaa ggaaggctca tggtgcaaat tgttatttcc         60
agtacggggg ctgaaggcct ggcagaatgg gtgctgatgg anctacaggg ngagatcgag        120
gctcgctaca gcaccgnatt agctggaaac ctcctgggag acctacatta caccactgag        180
ggangagatg tnatcnacnn tacccnagcc tnaatcctgc ttnctcnnat ngnagnnttn        240
ngctcattcg ntntnccacg cccactgntg gaacntgagg agccacacac ngncaccttt        300
ctactggacc agagattatt nggcnggaa ntnggctccc ctccnncttg cttcatnact        360
ggtgtcgcaa caataaaatt agaacc                                            386


<210> 875
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 875
tctcctggtc tgtgttctga ttcttctttg gaggagagtt taaggatcac agttggcaat         60
gaccacttct gtgttagcac accagagcgg cggcggntca gtgaccggct gggatctcca        120
gtggatggtc tgcaggacat ggacagggat gacctgactg atgattctgt cttcactcga        180
agctcccagt gttctcgggg gtcttgaacg atacatttct cgggaggagg gaccacttag        240
tccctttctt gggacaactt ggatgaggac taccgaacaa ggagaaactt ttctgcatcg        300
acctggagtt tagtccccag agcagttgtc atgatgaatt ngttgaggga aacagagcgg        360
tatnagaaac aaacttaaaa gctcctccta ttccatacga tctgaggaaa gaggccggga        420
ggccaaaaag gcccccgttt ttgatgacnc agagaagggt acnccagctc aaggagggg        480
gatcacttca angttttnac atcnngggac tcgaaaacct atcggggagg cgg               533


<210> 876
<211> 306
<212> DNA
<213> Mus musculus
```

231

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 876
gaactgagat ggcctcacgg tacatgatcc agctcacttc tgtgttcaag gatgtctgtc   60
taacgccaga agagatgaat ctcgtggtgg ccaaagtgtt gacgatgttc tcaaagttga   120
atcttcaaga aattccacct ttggtctatc agcttctggt tctctcttcc aagggacgca   180
naaggagtgt tcttggacgn atncatagcc ttcttcaggg agctggataa gcagcacaga   240
tacatttttt ccacataaga atgcactttg gcttatacaa taaaacttta aacattaaaa   300
aaaaaa   306

<210> 877
<211> 541
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 877
cggagcacca taacatggng tgggaagtga agacaaatca nnatgcctaa tgcagtncag   60
aaactcctgc tggtgatgga caagagagca ccagggatga gngactcgct ggagttgctg   120
cagtgtaatg agaatttgcc atcctctcca ggatacaact cctgtgatga gcacatggag   180
cttgatgacc ttcctgaact tcaggctgtt caaagngacc ctacccaatc tgncatatac   240
cagctaagtt cagatgtatc tcatcaagaa tatccaagat catcttggag ccagaatacc   300
tnagatatac cggaaaatac tcaccgtgaa natgaggngg actggctaac agagttangc   360
aaatattgcc actagtncac aaagtcccct gatgcantgc tcattttata acaggtagga   420
gcatggatta tgttttgcnt tntcanactt gcatttatta ggggccagca atnatactan   480
tgtaagctnc anntgggtta angaancctt gcccaccaag cnctgaaggg cgcaaacctt   540
g   541

<210> 878
<211> 340
<212> DNA
<213> Mus musculus

<400> 878
cacaacacag tcggattctt ctcaacagcc tttattgcag gatcgccttg atgcttctac   60
ggggacccca ggcgcccagg gagccctgct tatatgtacc ccagcacagg agaaggctcc   120
gtggccccct ggggttggtc agtctgccag cacccaattt gcatgcaccc gcttgggagg   180
ggttggcccc aaattcgaat tgacgcctgc gcagtggtgt tgtttatgac aacggcaacc   240
ggaaaccggc gccatcttgg agttggcttc ccacagagag gagagggaga ggagagggag   300
aggagaggaa gaggaagagg aagaggaaga ggaagaggat   340

<210> 879
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 879
gaactgagag atgaagcaga tgaatcttgt cactgggaaa cagngcctaa taaagagggc   60
tcctttctcc atcagtgcct tcagttacat ctgtgagaat gaggccatcc ccatgccaac   120
ccactgggan aacgtgaacc ctgacgttcc ctaccanctg gtttccctgc agaaccagac   180
gcacgagtat aatgaagtgg ccagtctttt tgggaaaaca atggatcgga accganttaa   240

```
aaggattcaa aggatccaaa acttanactt atgggagttc ttttgcagga aaaaggctca      300
gctcaagaaa aagagaggtg tcccccagat caatgagcag atgctatttc atggcaccag      360
cagtgaattt gtggaagcaa tttgcattca caactttgac tggagaatca atggtgtgca      420
cggngctgtc tttggaaaag gaacctattt cgctagagat gctgcgtact ccagtcgttt      480
ctgcaaagat gacatcaagc acgggaacac attccagatt catggggtca gcttgaa        537


<210> 880
<211> 481
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

<400> 880
ctgaggactg gattcagcat caaaatacct cccccacatt gagagctgtc ggcagttaag       60
gcaacaatac cctgattgga atcctgagat cctcccatcc agaagaaatg agagcaatag      120
gaaagaaaat gaaactccaa gaagacgttc tcattccccc agccccagac attctaggag      180
atcaagctca ggtcacagaa tccgtcgctc tcgaagtcca gtccgttata tctatagacc      240
aaggagtcga agtccaagaa tttgccaccg tttcatttct aaatatagat ccagatccag      300
gtccagatcc aggtcccgtt ctccatatcg tagtcggaat ctccttagaa gaagtccgaa      360
gtcctatcgg tcagctagcc cagagaggac atcaagaaaa tcagtgagat caggtacacc      420
gatnntccta atgccatcat ttttttgag ttttggaaat gagatattgg attttaatta      480
a                                                                     481


<210> 881
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 881
gaactgagga agcatcatga cgaagaggca ttggaaacgc tgacagtatc ccccatctgg       60
gttccgcacc catggggcag acacatgctc atcaccagca agatcagctt cttcattttg      120
acaacattgc actagctgct ccggaaccca cactggctct gcgattctgt ggaaacatgc      180
aaacagaccc tctcgcccag accaacacgg gatctggacc attccatgat cctgtaagca      240
catccttcca tttagcatac cccagattac tggggctgtt attagcatgt cgttcagcag      300
cagagcgncc ttccttttcc aattgcaaaa aatttaaggt aaaaagagct aaggagagtc      360
ttatctttgg ggtatggcca tagcctattc ccccttttg ttttattaat aattctttta      420
aggttctaa                                                              429


<210> 882
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 882
gaactgagca ggctcctctn cncatgctcc tccaaggaat ggtaaggtgg cccttgaccc       60
acacacatat ctatcaagaa ctcaagagca cagacntgaa gtaccnggaa ccgtgtgcgc      120
agccgcatca gcnacctgan ggaccccang ancccatgcc tgaggcggan tgtgctcagt      180
ggggccattt ccccatagct cattgccang atgacagcgg angaaatggn cagtgatgag      240
ctgngggagc tgaggaacgc catgactcag gaggccatcc gtnagcacca ntatggcgaa      300
```

```
gacaggcggc accaccactg acctcttgcg gtgtatcaag tgcaagaaga agaattgtac      360
ctataaccag gtgcanacac gcagtgccga tgagcccatg accacttttg tcttatgcaa      420
tgaatgnggg aatcgctgga agttctgctg acggaaccac ccaccaggat ggcagaggat      480
aaggtgaaga agacccagca ggaagcacag accacgtgac ccagagcaaa aaaaaaa        537
```

```
<210> 883
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G
```

```
<400> 883
ggacccacca ggtttcagct gctcccacca gctctgcagg ggatggattc aaggcaaacc      60
tcgtctttaa ggagattgag aagaagcttg aagaggaagg ngaacagnnc gtgaagaaaa     120
tcacggcggc atttttgcct tgaaagtgaa agatggccct ggaggcaaag aagctacctg     180
gntggtngat gtaaacaatg gcaaaggatc tgtgcttccc                          220
```

```
<210> 884
<211> 264
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G
```

```
<400> 884
gaactgaggg cttcttggta atgcccaggc taaggcacta ggaccagcct cagagcagtc      60
agagaatgag aagaagccca agagngnagn gaagaagaaa aggtggaatc ntcccaaaat     120
gtctcttgcc canaacnttt natcgggttg cctcaanaga aggcaagctt cctcagnagc     180
tcacggganag gtcctgctng aaacctnncc gcngntttct atgnannaat ttntttcata    240
cnttttttt gggggggggg gccc                                             264
```

```
<210> 885
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G
```

```
<400> 885
cagaaagaaa gctttttagta aaacancctt tttaatagcc tggccacgca agaaggtgaa      60
tgtttnggct cttaagagga anaagttcaa aaaataaatt gtcttgtaat gtaaaaaaaa     120
aaa                                                                   123
```

```
<210> 886
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G
```

<400> 886

```
gaactgagga acttaagaag tatggagtta ccacantagt acgagtatgt gaagcaactt      60
acgacactac tcttgtggag aaagaaggca ttcatgttct tgactggcct tttgatgatg     120
gtgcaccacc atccaaccag attgtcgatg actggctaag tcttgtgaag attaagtttc     180
gtgaagaacc tggttgctgt attgctgtcc attgtgtcgc aggccttggc agagctccgg     240
tgcttgttgc cctagcatta attgaaggtg gaatgaaata tgaagatgca gtacaattca     300
taagacaaaa gcggcgtgga gcttttaaca gcaagcaact tttgtatctg gagaagtacc     360
gtccgaaaat gcggctccgc ttcaaggatt ccaatggtca tagaaacaac tgttgtattc     420
aataaaactg gggtgcctga                                                 440
```

<210> 887
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 887

```
catggaaaag tgccggcttc cagccctttg cggcttttgc agtggatgac cgtgtggaga      60
tgctaagcgg tggacagcgg cagaacacta ggaaacagaa ggcttgggac aaagttaata     120
gcgcctgttc acaaagttca caaaggaccc gttttcactg tgtcctacaa ttgggtcatg     180
tagggctggc caggtggctc agcgtttaag aacacagttg ctcttccaga aggcctgctt     240
ctattcttcc tagcacccac atgggtgctc acaaccacta gggtcactct gcttccaagg     300
gtttgatgtt ctcttntggg gctntgagga ctgagcaaag aggnggtgcc tggttataca     360
tacaggcaaa acattcataa aataatcag                                       389
```

<210> 888
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 888

```
aagaaaactt caaactccac agtcggagga gagtgacttg cattatgcgg acattcatgt      60
gctcaggcaa attcggccac actctctcca cacagtgaaa tgcctgcatt cagaatctgc     120
tacagagtac ncnncncttc nnttccccca ggccacacct cantatgaca gcaacaacgg     180
aaccctggtg tgagccctcg ggaagacgtt ccgatttcta cgattttacc atcctgtggg     240
aataacctac tgttctcgag aacaaggaca atggccatgt tttaatctta aaggacacca     300
gagcatctgg aattatgggt ctccctactc tttccactat gaatcttttg gtttgccact     360
g                                                                     361
```

<210> 889
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 889

```
aatacatttc aactgtatga aattggttta ttgttcatca naaatgttat ttgccttcac      60
aaagtctggt ttcaatgaac cagctatgta atgggatatt aaataaacat ggaattttac     120
atgttcagaa aaaaaaa                                                    137
```

<210> 890
<211> 174
<212> DNA
<213> Mus musculus

<400> 890
gaactgaggt atagctccat gaataactta aacgaccccc caaattggaa tatcaggccc   60
aatgccaggg ctgatggggg tgatggaagc aagtggaatt atgccctatt ggtgccaatg   120
ctcggattgg cagcatttcg ttggatttgg tctagggaat cccaaaaaaa aaaa   174

<210> 891
<211> 188
<212> DNA
<213> Mus musculus

<400> 891
tccttctgtg tgctgcagtc ttgtggcgtt ctgcaggccc cctgccagtg accccaggct   60
ttttatggct gtgagactca ttaaaagctc aggggtgaga cgtgaccttt ggaggtgact   120
ataactgaag attgaattac agaagccaaa aaattaaata aataaaaggt aaaattataa   180
aaaaaaaa   188